

SERVICE MANUAL

WAX3 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDL-26S3000	RM-YD018	US/CANADA
KDL-32S3000	RM-YD018	US/CANADA
KDL-40S3000	RM-YD018	US/CANADA
KDL-46S3000	RM-YD018	US/CANADA

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 : UPDATED ITEM

REVISION DATE	SUBJECT
4/2007	No revisions or updates are applicable at this time.
5/2007	Re-release entire manual.
7/2007	Added correct PN for KDL-32S3000 ETC-Inverter MT Board. Replaced page 138.
10/2007	Added PNs for new Colored Bezel models. Replaced page 138. Added PN for Remote Battery Cover. Replaced page 174.

LCD DIGITAL COLOR TELEVISION
SONY®

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KDL-46S3000



RM-YD018

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SPECIFICATIONS

Power Requirements 120V-240V AC, 50/60Hz

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1/2 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation)
Impedance:47 kilohms

COMPONENT IN 1/2

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 1/2:

HDMI: Video:480i, 480p, 720p, 1080i, 1080p
Audio: Two channel linear PCM 32, 44.1 and
48 kHz, 16, 20 and 24 bits
AUDIO: (HDMI IN 2 only) 500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
More than 500 mVrms (Fixed)

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 0.5 Vrms, 1 kilohm

HEADPHONES:

Stereo mini jack
Impedance: 16 ohms

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Design and specifications are subject to change without notice.

	KDL-26S3000	KDL-32S3000	KDL-40S3000	KDL-46S3000
Power Consumption in use	150W	158W	180W	215W
in standby		Less than 0.1W		
Speaker Output (W)	10W x 10W			
mm in	42 x 150 mm 1 11/16 x 6 in	42 x 150 mm 1 11/16 x 6 in	55 x 150 mm 2 1/4 x 6 in	70 x 130 mm 2 3/4 x 5 7/16 in
Dimensions (W x H x D) with stand				
mm in	656 x 500 x 214 mm 26 7/8 x 19 3/4 x 8 1/2 in	790 x 577 x 214 mm 31 1/8 x 22 3/4 x 8 1/2 in	981 x 692 x 265 mm 38 5/8 x 27 1/4 x 10 1/2 in	1114 x 778 x 306 mm 43 7/8 x 30 3/4 x 12 1/8 in
Dimensions (W x H x D) without stand				
mm in	656 x 452 x 96 mm 25 7/8 x 17 7/8 x 3 7/8 in	790 x 530 x 100 mm 31 1/8 x 20 7/8 x 4 in	981 x 643 x 110 mm 38 5/8 x 25 3/8 x 4 3/8 in	1114 x 730 x 115 mm 43 7/8 x 28 3/4 x 4 5/8 in
Mass with stand				
kg lbs	13.5 kg 30 lbs	17 kg 38 lbs	25 kg 56 lbs	32 kg 71 lbs
without stand				
kg lbs	11 kg 25 lbs	14.5 kg 32 lbs	21 kg 47 lbs	27.5 kg 61 lbs

Television system

NTSC American TV Standard
ATSC (8VSB terrestrial) ATSC compliant 8VSB
QAM on cable: ANSI/SCTE 07 2000

Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

Antenna

75-ohm external terminal for VHF/UHF

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

Screen Size (measured diagonally)

26 inches (KDL-26S3000 Only)
31.5 inches (KDL-32S3000 Only)
40 inches (KDL-40S3000 Only)
46 inches (KDL-46S3000 Only)

Supplied Accessories

Remote Commander RM-YD018
Two Size AA (R6) Batteries
AC Power Cord
HD15-HD15 Cable
Support Belt, Securing Screw, and Wood Screw
Cable Holder
Operating Instructions
Quick Setup Guide
Warranty Card

Optional Accessories

Headphones Plug Adapter
Connecting Cables
Wall-Mount Bracket
SU-WL100 (KDL-26S3000 Only)
SU-WL500 (KDL-32S3000/40S3000/46S3000 Only)
TV Stand
RHT-G800 (All except KDL-26S3000)

WARNINGS AND CAUTIONS

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

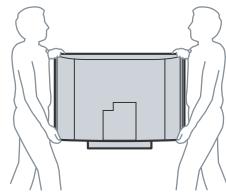
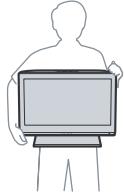
CARRYING THE TV

To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

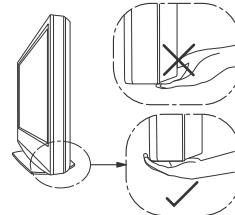
- Before carrying the TV, disconnect all cables.
- Carrying the large size TV requires two or more people.
- When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

KDL-26S3000

KDL-32S3000/ KDL-40S3000/ KDL-46S3000



- When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.



- When carrying, do not subject the TV to shocks or vibration, or excessive force.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

! SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and  mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

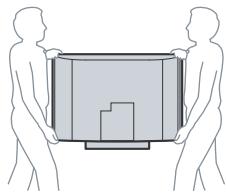
POUR TRANSPORTER LE TÉLÉVISEUR

Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

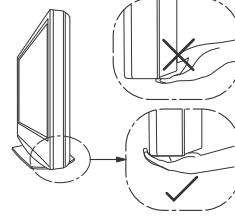
- Avant de transporter le téléviseur, débranchez tous les câbles.
- Le transport du téléviseur doit être effectué par au moins deux personnes.
- Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l'appareil. N'appliquez pas de pression sur l'écran ACL.

KDL-26S3000

KDL-32S3000/ KDL-40S3000/ KDL-46S3000



- Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.



- Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

! ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque  sur les schémas de principe, les vues exploées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and  mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

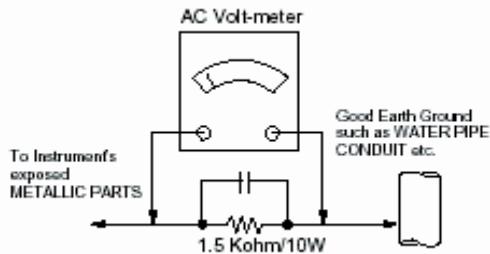
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

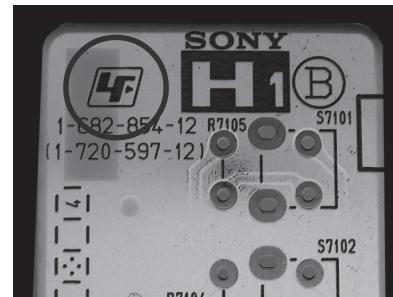
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- avoid contact with water. It may cause a short circuit within the module.
- disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit.
(High voltage occurs at the inverter circuit at 650Vrms.)
- always clean the LCD panel with a soft cloth material.
- use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

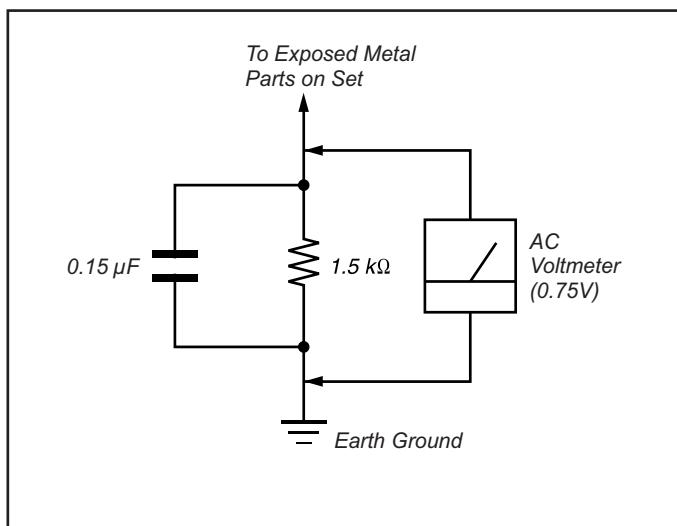


Figure A. Using an AC voltmeter to check AC leakage.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble-light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

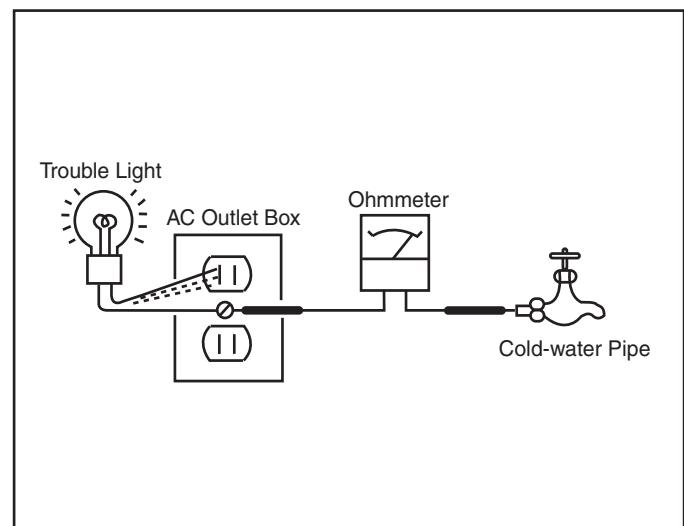


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

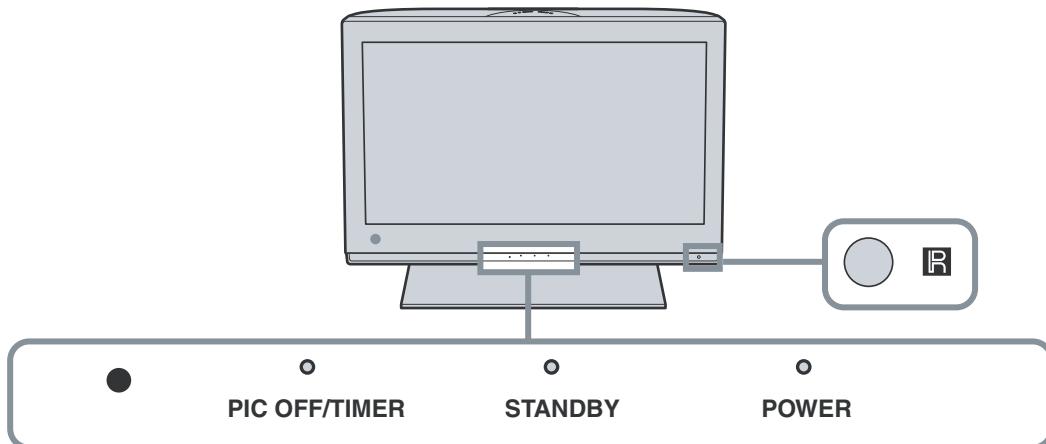


The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

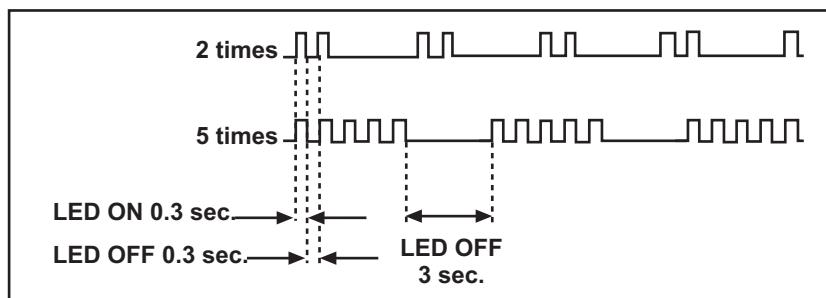
Control Buttons



Description of LED Indicators

LED	LED Type	Description
POWER LED	Green LED	* Light is green when the TV set is on
STANDBY LED	Red LED	* Lights is red when the TV is in PC standby mode * Blinks red when indicating the TV may need servicing
PIC OFF/TIMER LED	Amber/Green LED	* Light is green when the Picture Off feature is activated * Light is amber when the timer is set

Display of STANDBY LED Flash Count



Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **[-]** → **TV POWER**.

The Self Check list displays.

↑ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

SELF CHECK		PAGE 1
002	MAIN_POWER	01
003	DC_ALERT1	00
004	DC_ALERT2	00
005	DC_ALERT3	00
006	BACK_LIGHT	00
013	BACK_LIGHT_BALANCE	00
00009-00019-00009		

← 1 indicates an error was detected
← 0 indicates no error was detected

3. Press the Channel **1** button on the Remote Commander to go to Page 2 of the Self Check list.

SELF CHECK		PAGE 2
008	SP_PROT	01
007	TEMP	00
011	TRIDENT_IC	00
010	DIGITAL	00
009	NA	00
007	HFR_OVERHEAT	00
012	HFR_ERROR	
00009-00019-00009		

4. Press the Channel **4** button on the Remote Commander to go back to Page 1 of the Self Check list.

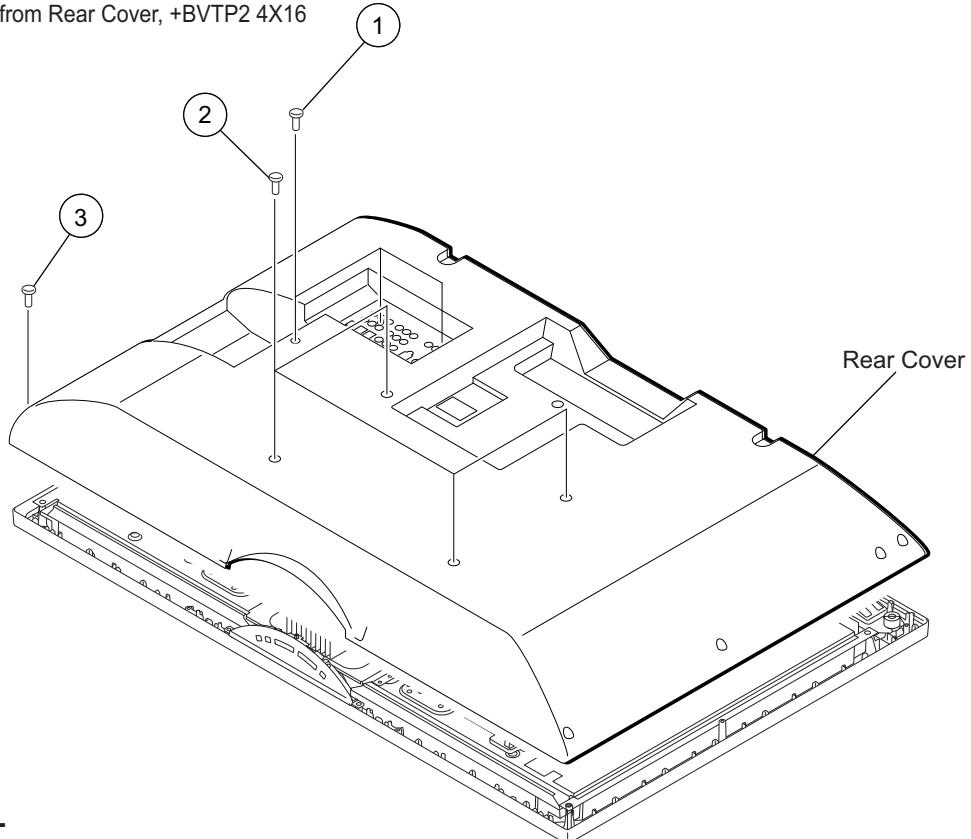
Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel **8** → Channel **0**.

SECTION 1: DISASSEMBLY

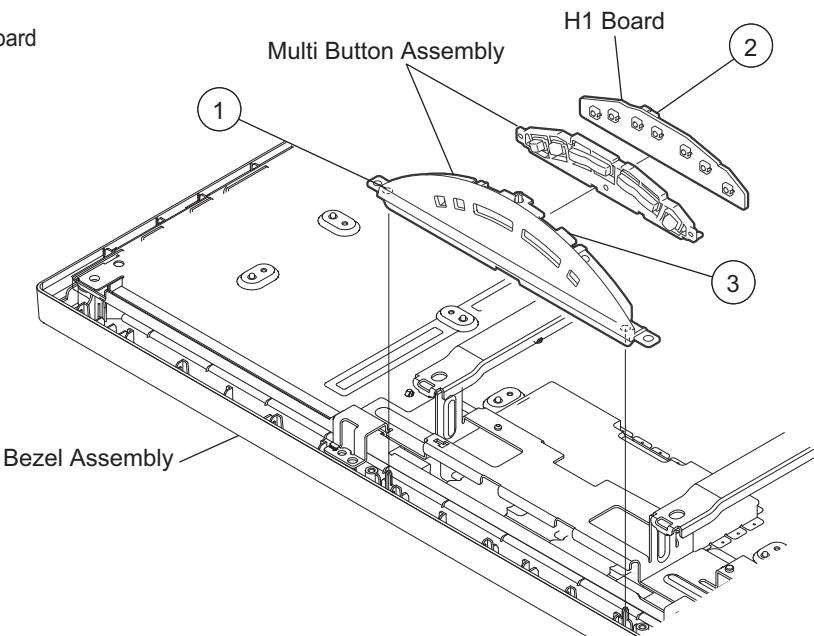
1-1. REAR COVER REMOVAL

- ① Remove 3 screws from Terminals, +BVTP 3X12 TYPE2 IT-3
- ② Remove 2 screws (KDL-26/32S3000), 4 screws (KDL-40/46S3000) from Rear Cover arm positions, +PSW M5X16
- ③ Remove 13 screws (KDL-26S3000), 14 screws (KDL-32S3000), 15 screws (KDL-40/46S3000), from Rear Cover, +BVTP2 4X16



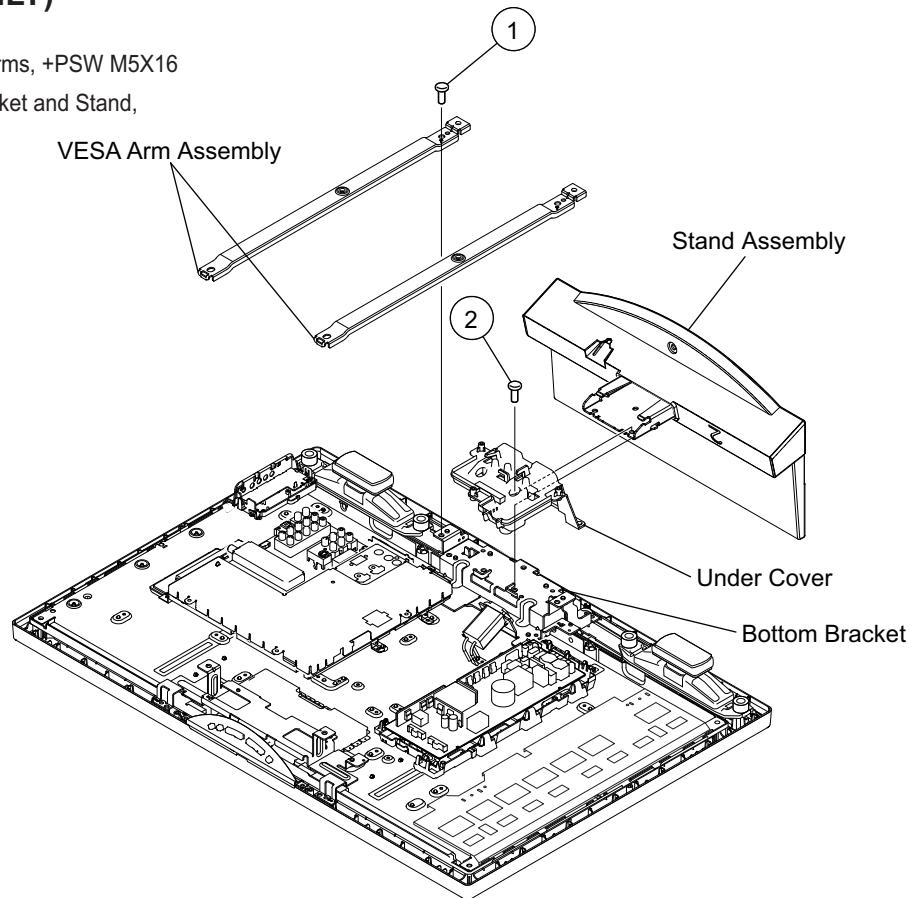
1-2. H1 BOARD REMOVAL

- ① Remove from bezel
- ② Disconnect one connector
- ③ Release hooks and remove H1 Board



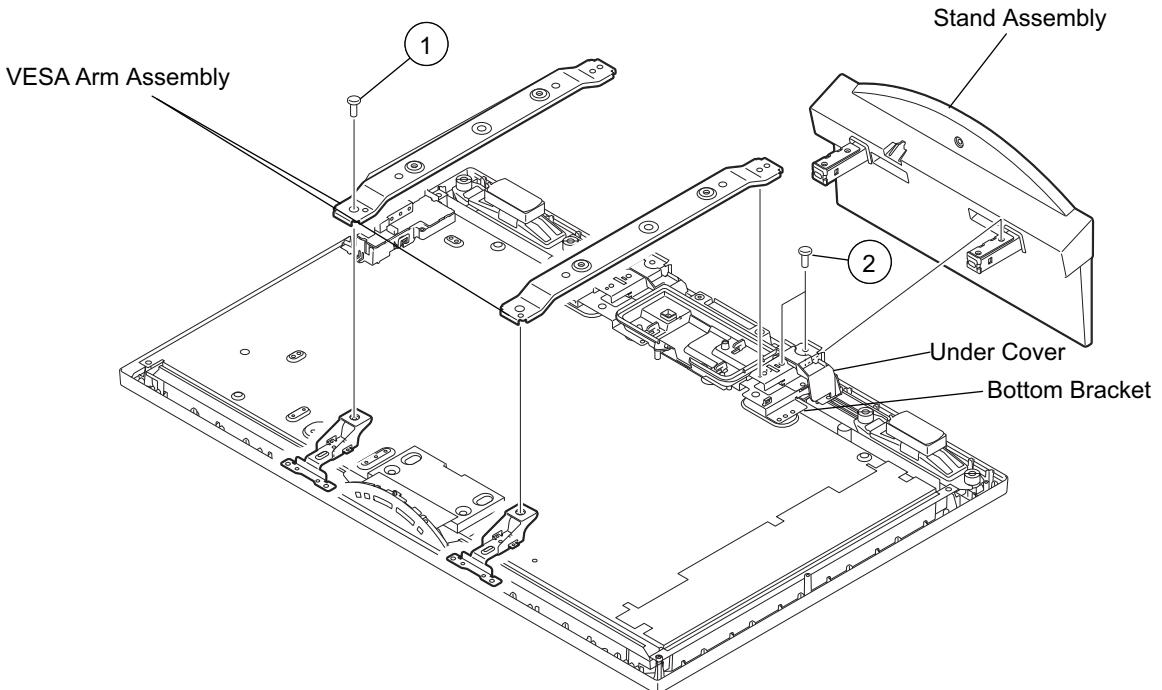
1-3. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-26S3000/32S3000 ONLY)

- ① Remove 2 screws from bottom of Arms, +PSW M5X16
- ② Remove 3 screws from bottom bracket and Stand, +PSW M5X16



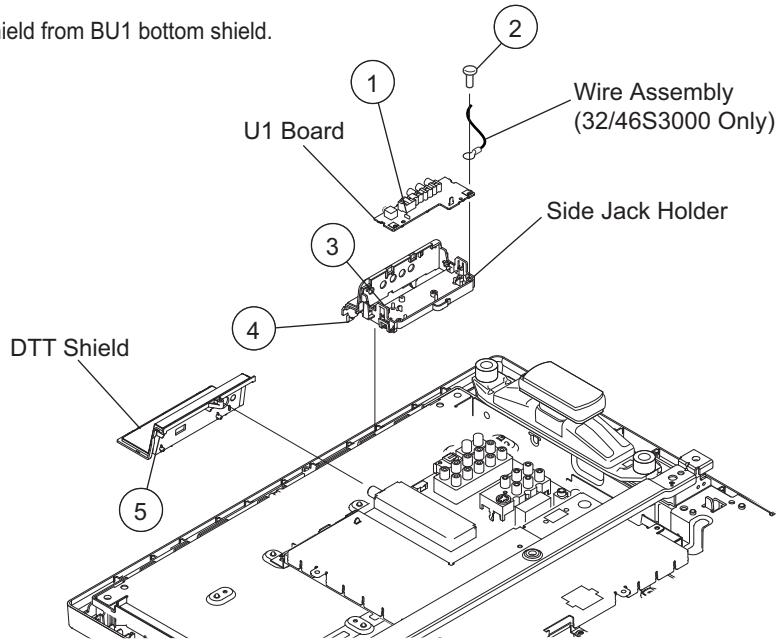
1-4. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-40S3000/46S3000 ONLY)

- ① Remove 4 screws from bottom of Arms, +PSW M5X16
- ② Remove 4 screws from bottom bracket and Stand, +PSW M5X16



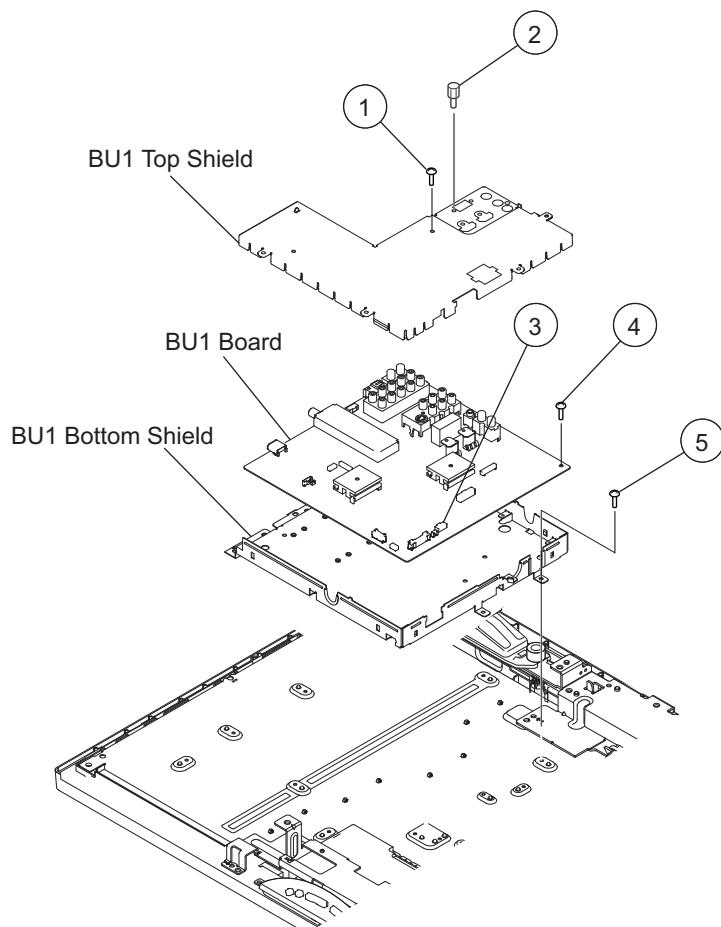
1-5. U1 BOARD, DTT SHIELD, AND JACK HOLDER REMOVAL

- ① Disconnect one connector
- ② Remove one screw, +BVTP 3X12 TYPE2 IT-3
- ③ Release hooks and remove U1 Board.
- ④ Remove Jack holder from Bezel.
- ⑤ Release hooks to remove DTT Shield from BU1 bottom shield.



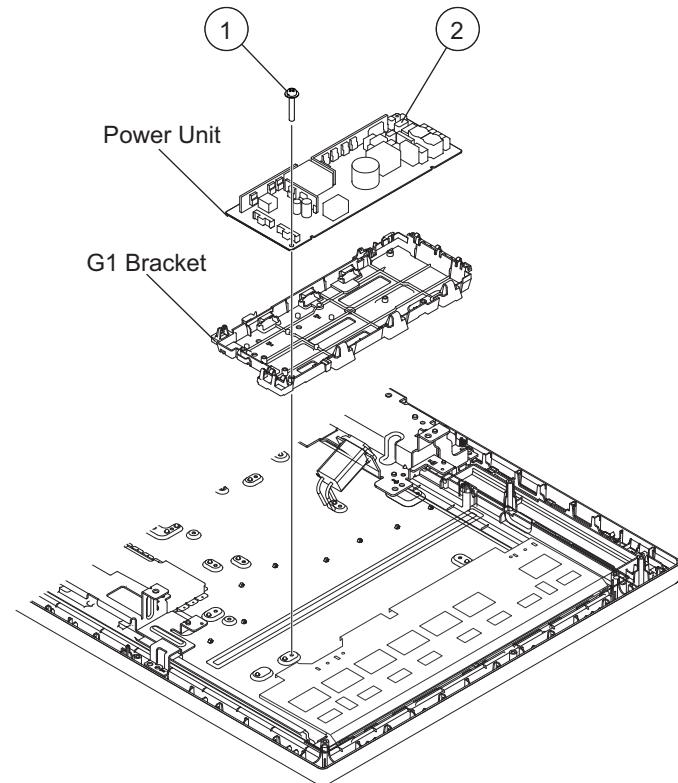
1-6. BU1 BOARD REMOVAL

- ① Remove 2 screws, +PSW M3X5
- ② Remove 2 screws, HEX
- ③ Disconnect 5 connectors
- ④ Remove 7 screws, +BVST 3X8
- ⑤ Remove 5 screws, +PSW M3X5



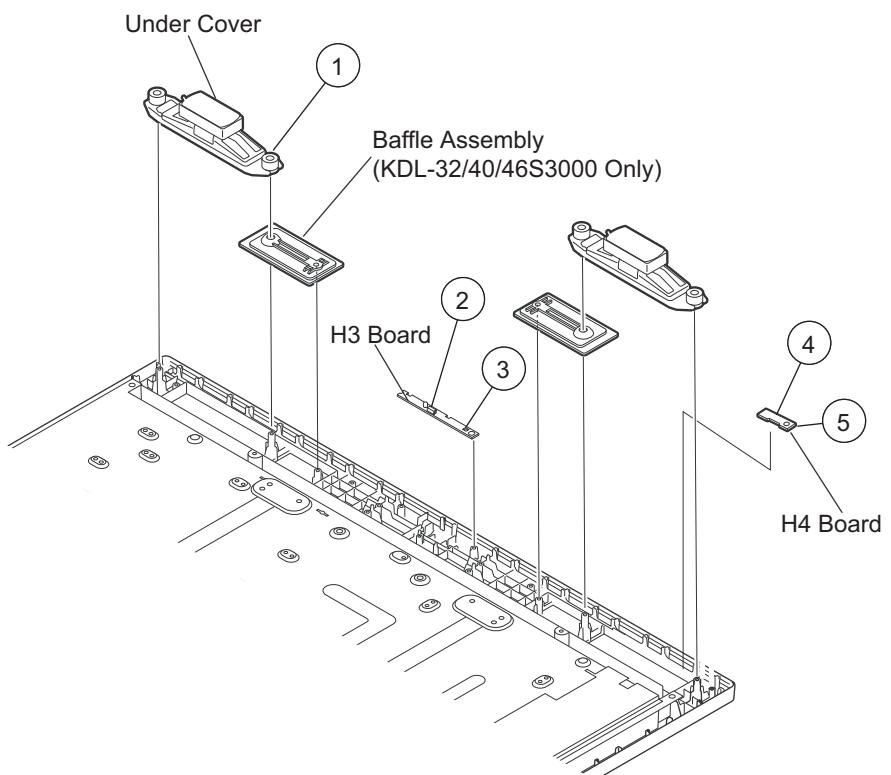
1-7. G1D/G1H BOARD (POWER UNIT) AND G1 BRACKET REMOVAL (KDL-26S3000/32S3000 ONLY)

- ① Remove 4 screws, +PSW 3SG
- ② Disconnect 3 connectors



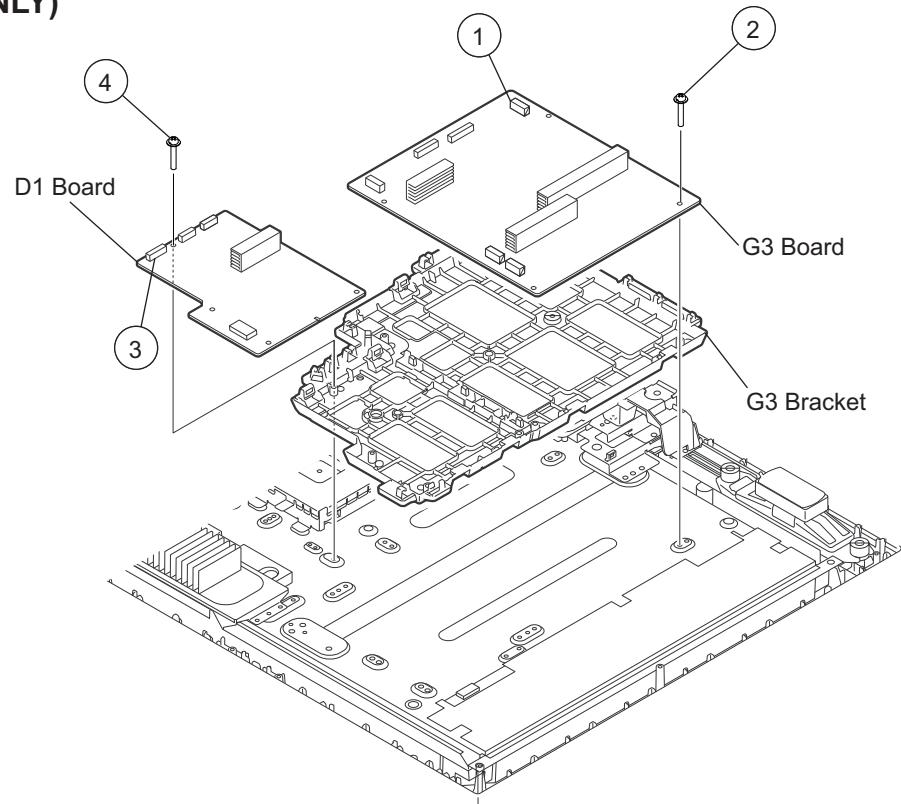
1-8. SPEAKER, H3 BOARD, AND H4 BOARD REMOVAL

- ① Slide out Speaker and Baffle from Bezel
- ② Disconnect one connector
- ③ Release hooks and remove H3 Board
- ④ Disconnect one connector
- ⑤ Release hooks and remove H4 Board



1-9. G3 BOARD (POWER UNIT) AND D1 BOARD REMOVAL (KDL-40S3000/46S3000 ONLY)

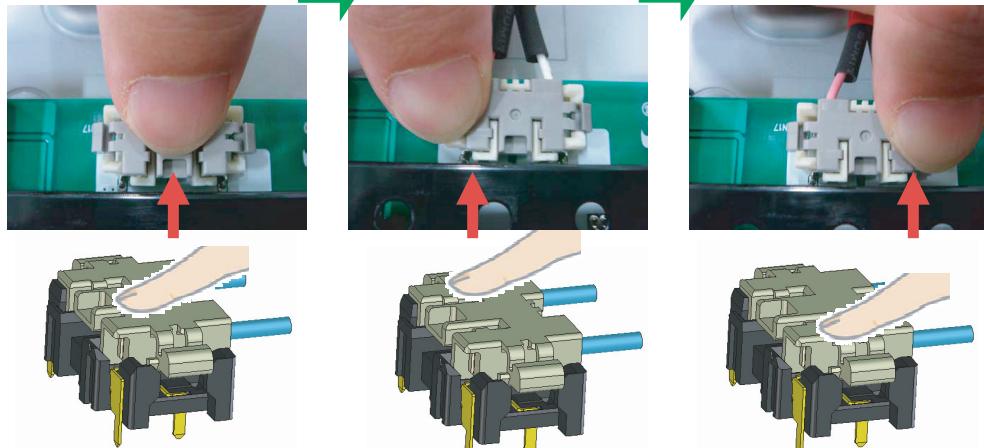
- ① Disconnect 6 connectors
- ② Remove 4 screws, +PSW 3SG
- ③ Disconnect 4 connectors
- ④ Remove 4 screws, +PSW 3SG



1-9-1. REPLACING THE INVERTER CONNECTOR ASSEMBLY (KDL-40S3000/46S3000 ONLY)

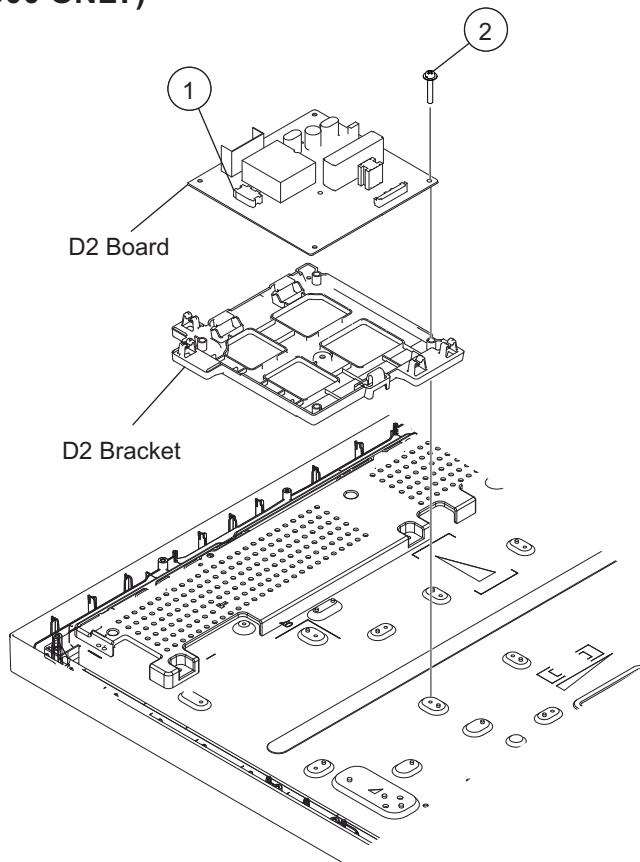
Use the following procedure to confirm that the Inverter connector is securely attached to the board.

- ① After inserting the connector into the board, push the middle section of the inverter connector to confirm it is securely connected.
- ② Push the right section of the inverter connector and confirm it is securely connected.
- ③ Push the left section of the inverter connector and confirm it is securely connected.



1-10. D2 BOARD REMOVAL (KDL-46S3000 ONLY)

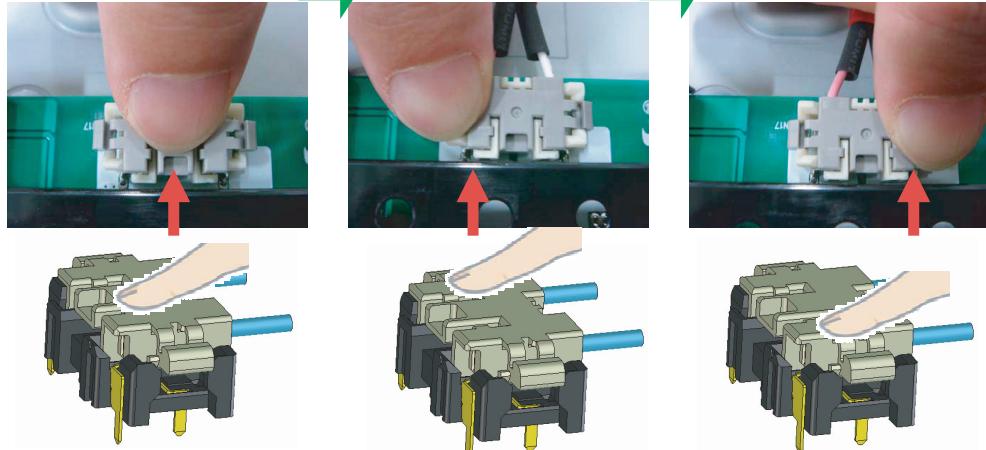
- ① Disconnect 3 connectors
- ② Remove 4 screws, +PSW 3SG



1-10-1.REPLACING THE INVERTER CONNECTOR ASSEMBLY (KDL-46S3000 ONLY)

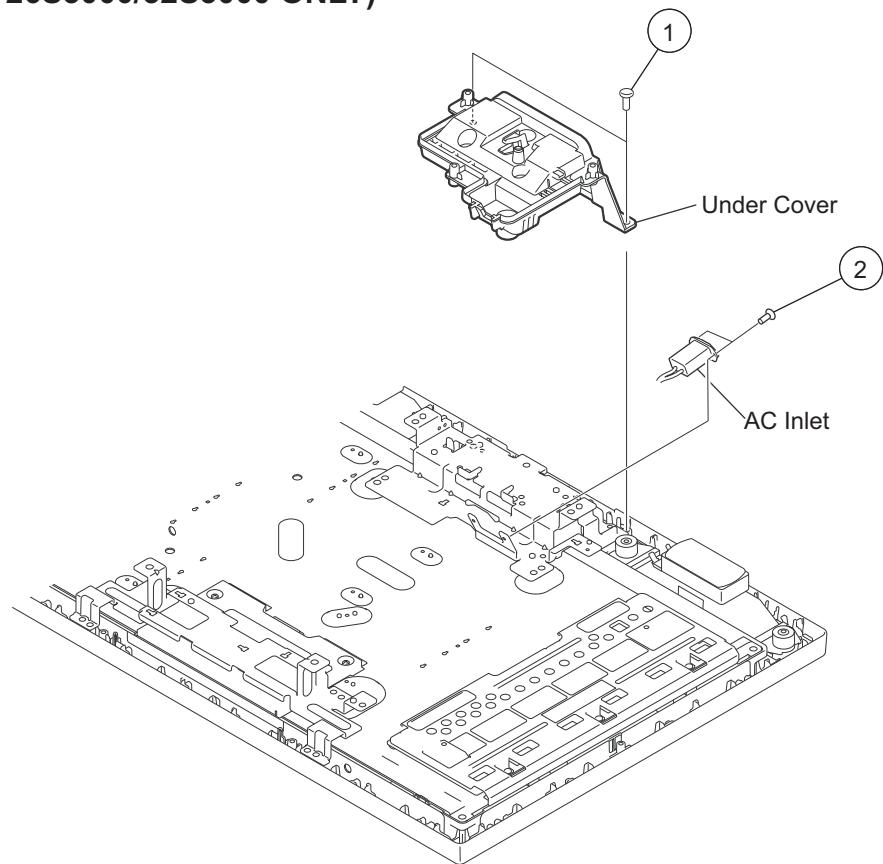
Use the following procedure to confirm that the Inverter connector is securely attached to the board.

- ① After inserting the connector into the board, push the middle section of the inverter connector to confirm it is securely connected.
- ② Push the right section of the inverter connector and confirm it is securely connected.
- ③ Push the left section of the inverter connector and confirm it is securely connected.



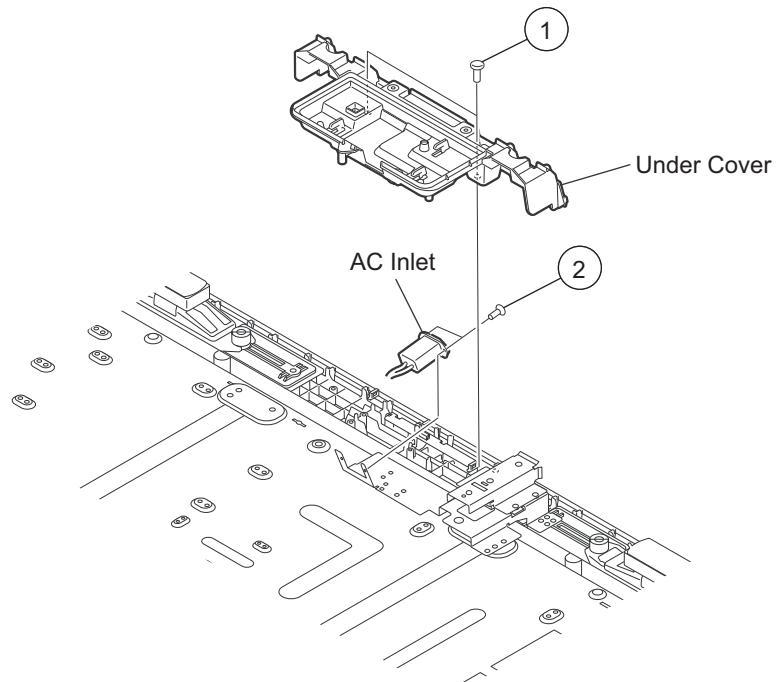
1-11. AC INLET REMOVAL (KDL-26S3000/32S3000 ONLY)

- ① Remove 2 screws, +BVTP2 4X16
- ② Remove 2 screws, +KTT 3X10



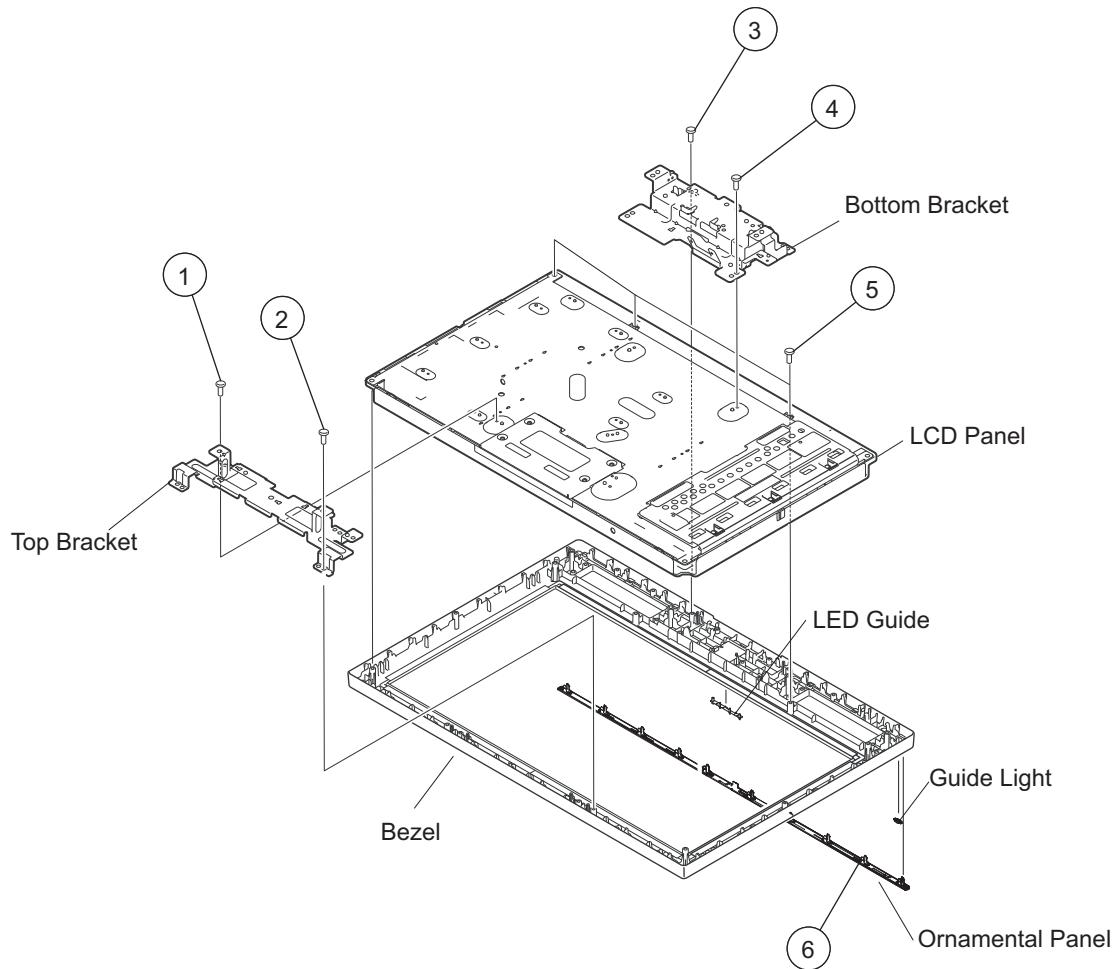
1-12. AC INLET REMOVAL (KDL-40S3000/46S3000 ONLY)

- ① Remove 2 screws, +BVTP2 4X16
- ② Remove 2 screws, +KTT 3X10



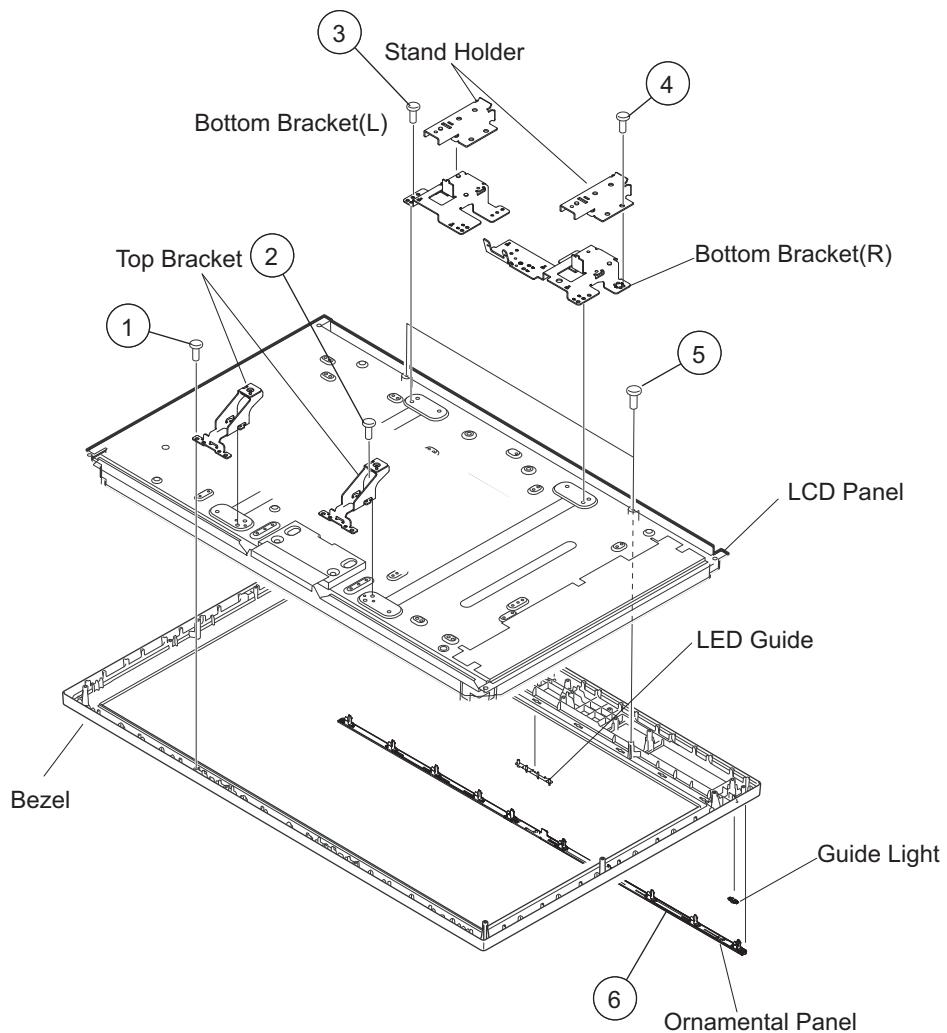
1-13. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-26S3000/32S3000 ONLY)

- ① Remove 2 screws, +PSW M4X8
- ② Remove 2 screws, +BVTP2 4X16
- ③ Remove 2 screws, +BVTP2 4X16
- ④ Remove 2 screws, +PSW M4X8
- ⑤ Remove 3 screws, +BVTP2 4X16
- ⑥ Remove ornamental panel and slide out LED Guide and Light Guide



1-14. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-40S3000/46S3000 ONLY)

- ① Remove 2 screws from Bezel and Top Brackets, +BVTP2 4X16
- ② Remove 4 screws from Top Brackets, +PSW M5X8
- ③ Remove 4 screws from Bottom Brackets, + PSW M5X12
- ④ Remove 4 screws from Stand Holders, +PSW M5X16
- ⑤ Remove 2 screws from LCD Panel, +BVTP2 4X16
- ⑥ Remove ornamental panel and slide out LED Guide and Light Guide

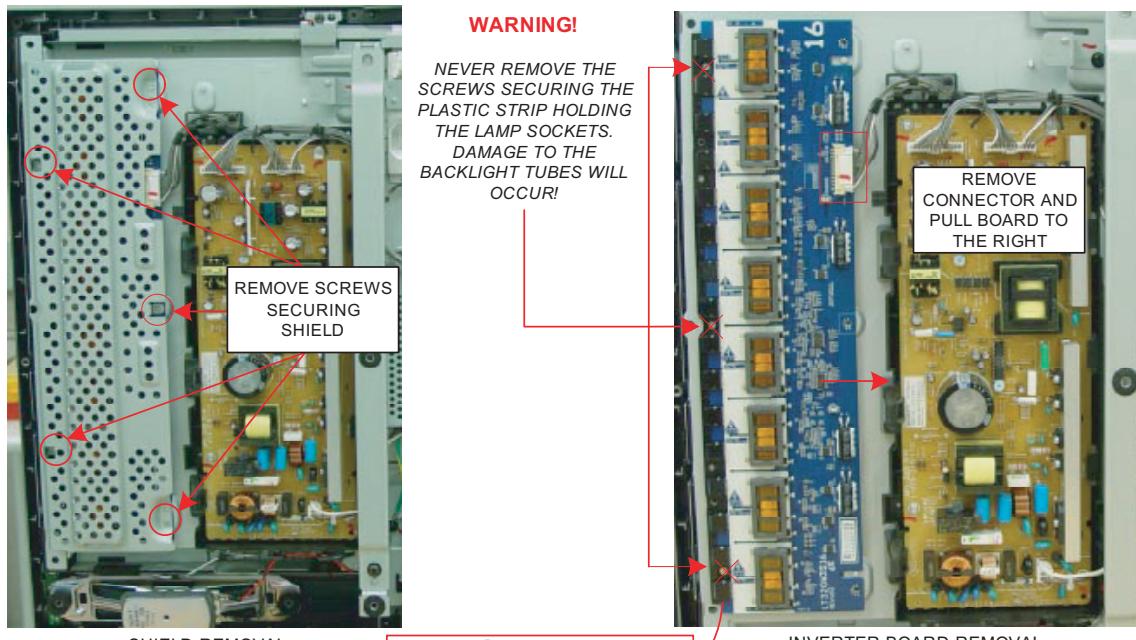
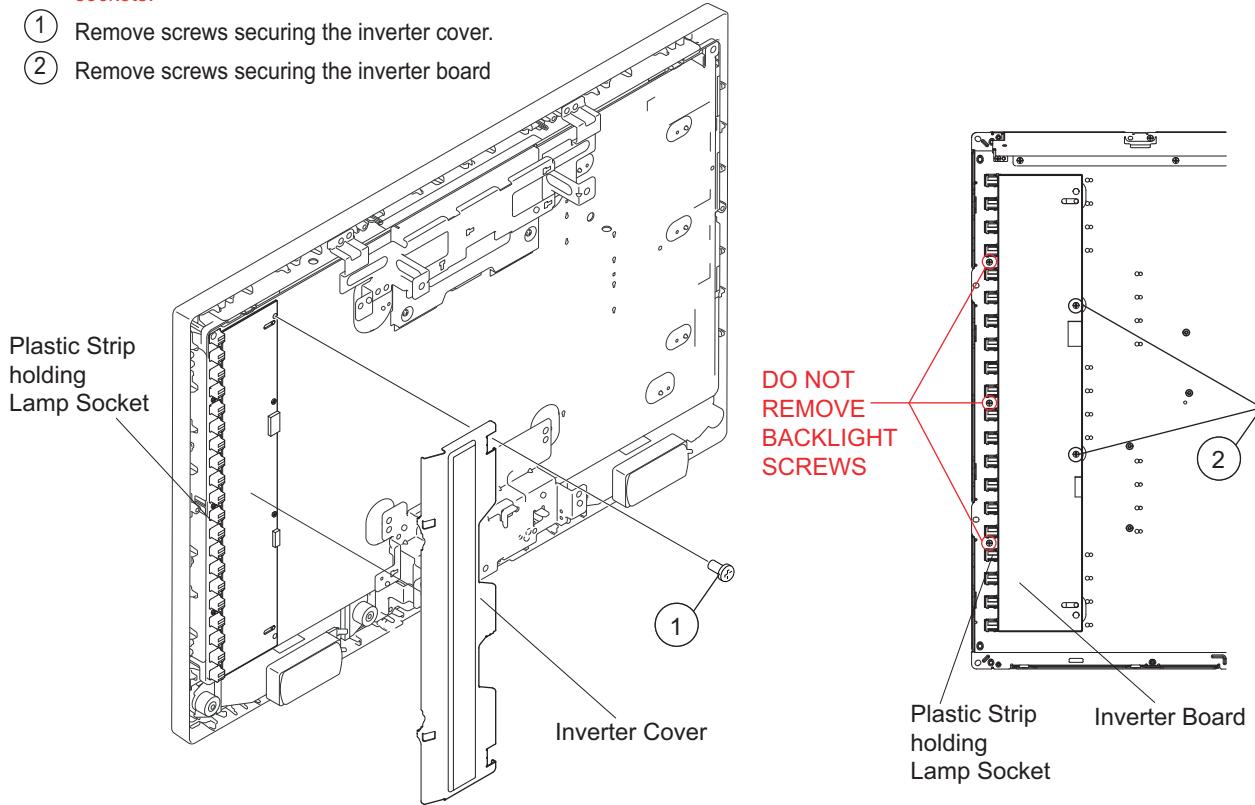


1-15. INVERTER BOARD REMOVAL

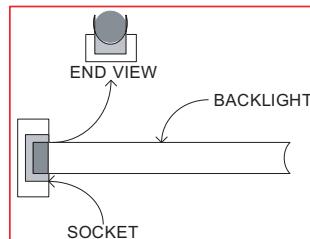
CAUTION:

Be sure to identify the inverter cover screws before proceeding. DO NOT remove the screws securing the plastic strip holding the lamp sockets.

- ① Remove screws securing the inverter cover.
- ② Remove screws securing the inverter board



SHIELD REMOVAL

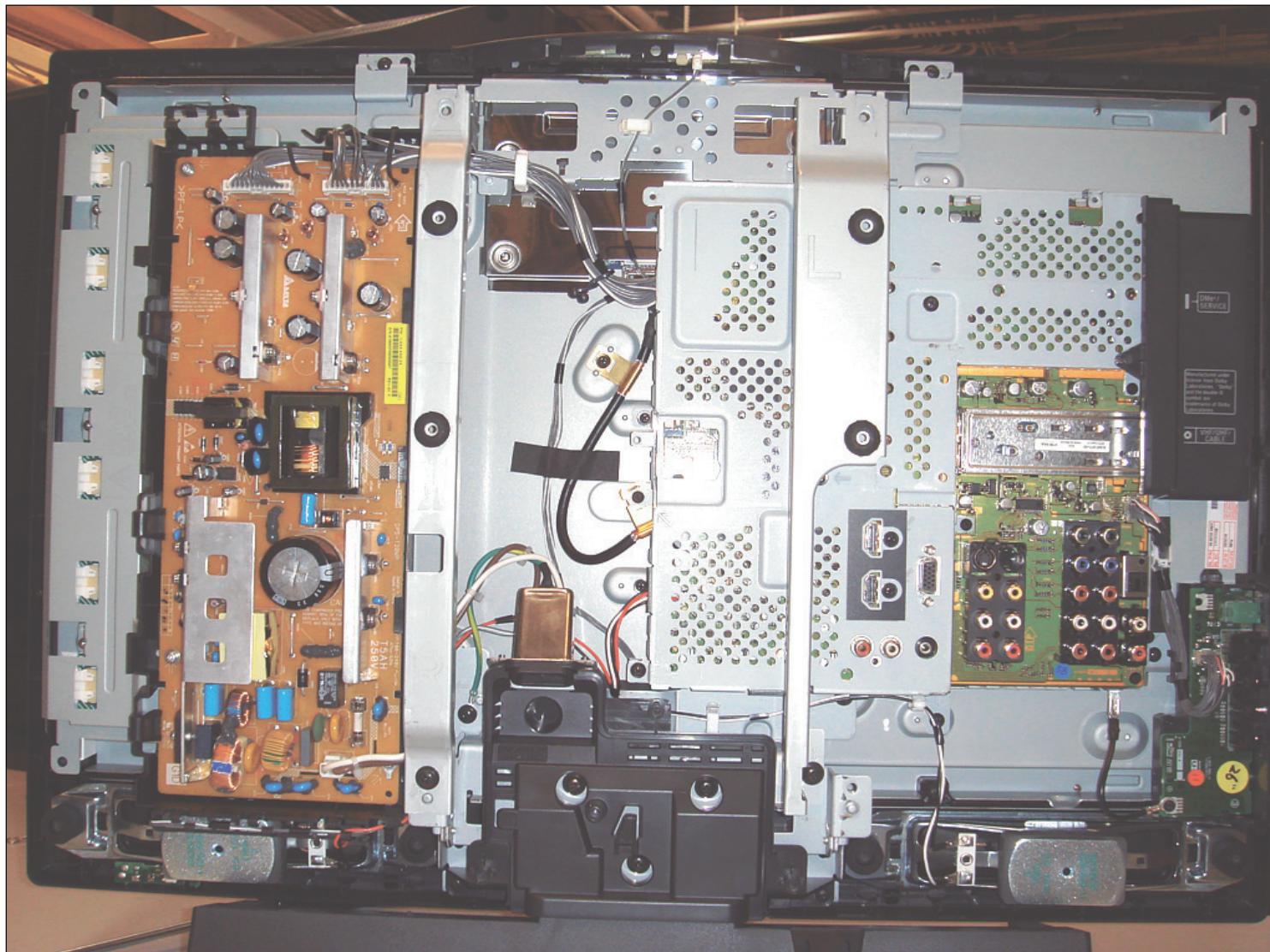


INVERTER BOARD REMOVAL
 Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example shown is a 32" model but applies to all models.

WIRE DRESSING

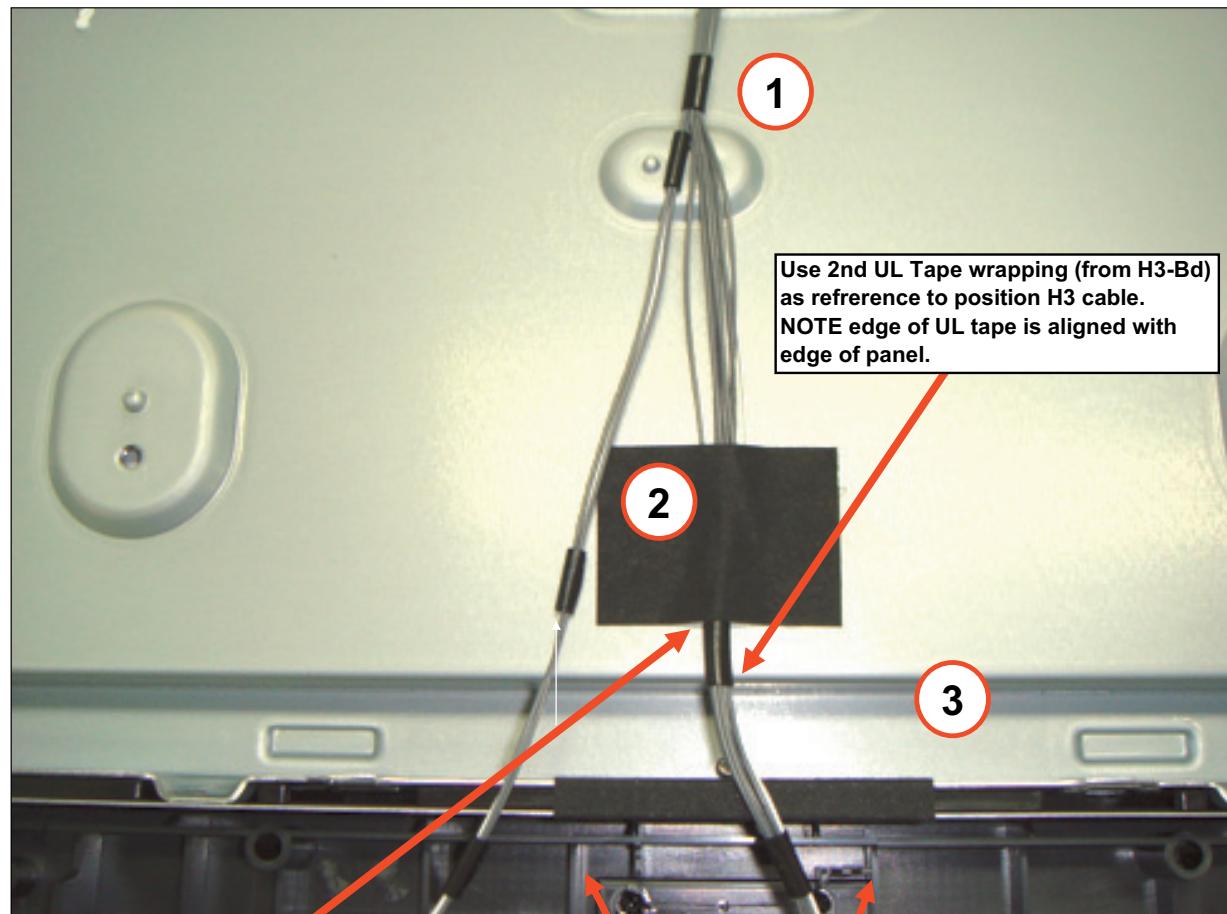
KDL-26S3000 ONLY

OVERALL VIEW



KDL-26S3000 ONLY

H3 BOARD HARNESS



Use UL Tape edge to align Himelon Tape.

Use ribs on bezel as reference to center Sheet Core C when applying to panel edge.

OPERATION PROCESS

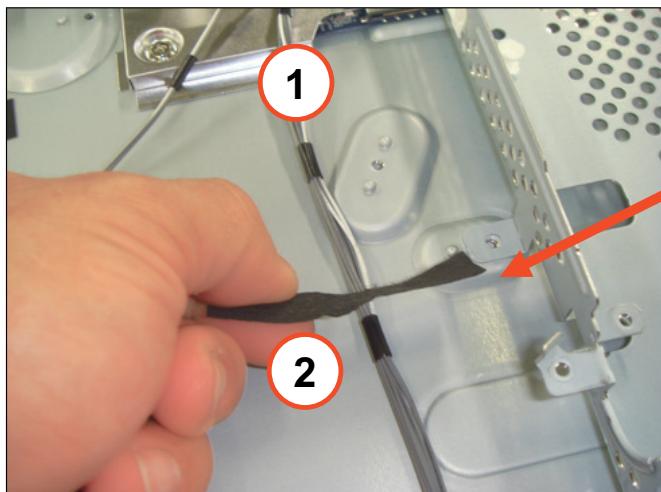
1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
Use ribs on bezel (w/o screw boss) as a guide to center tape.
2. Use 2nd UL Tape on H3-Bd harness to align with edge of panel.
Apply Cushion D to edge of 2nd UL Tape as shown.

TORQUE SPECIFICATION

Torque: 0.9 (N.m)

KDL-26S3000 ONLY

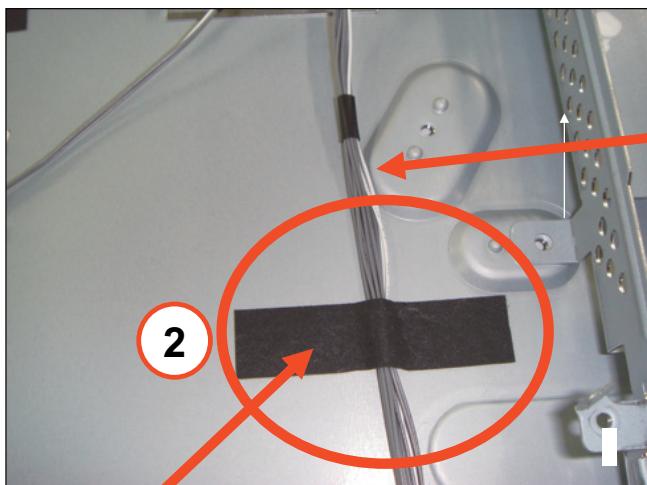
H3 BOARD HARNESS (CONTINUED)



Sheet Core C
Use Panel "bumps" as tape guide.

OPERATION PROCESS

1. Apply Sheet Core C as Shown on H3-Bd Harness
2. Make sure wires do not cross over "bumps" in the Panel. LVDS cable will be attached to bumps (with 3x5mm screw-pinch points).

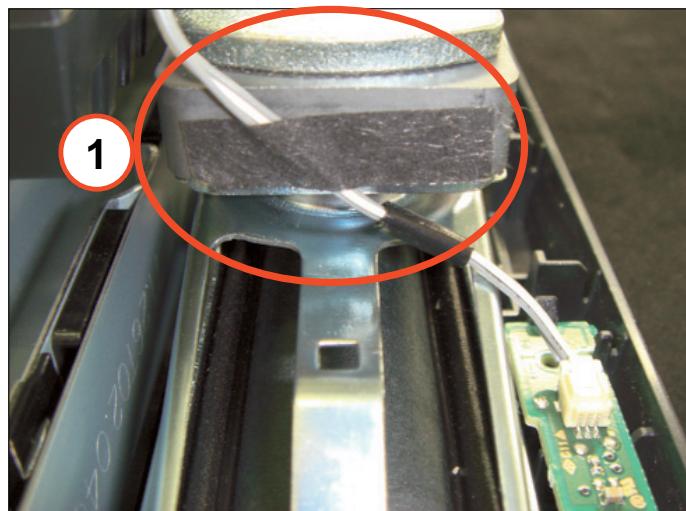
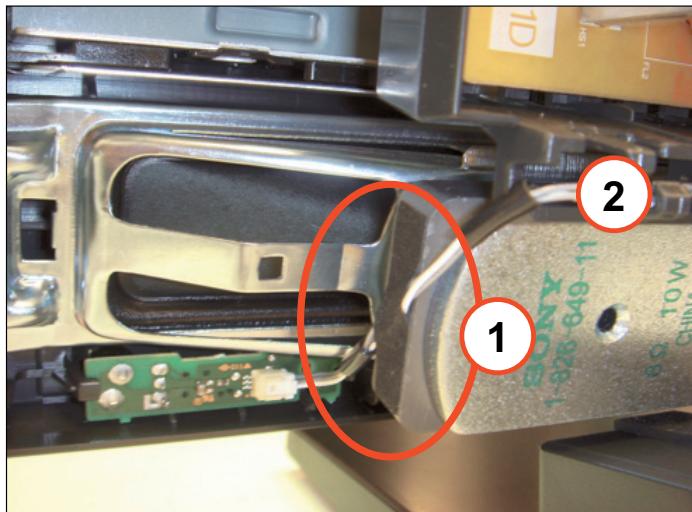


NOTE ROUTING OF THE CABLES.
Cables CANNOT cross over top of
"bumps" on Panel.

Sheet Core C installed (next to DTT lower shield)

KDL-26S3000 ONLY

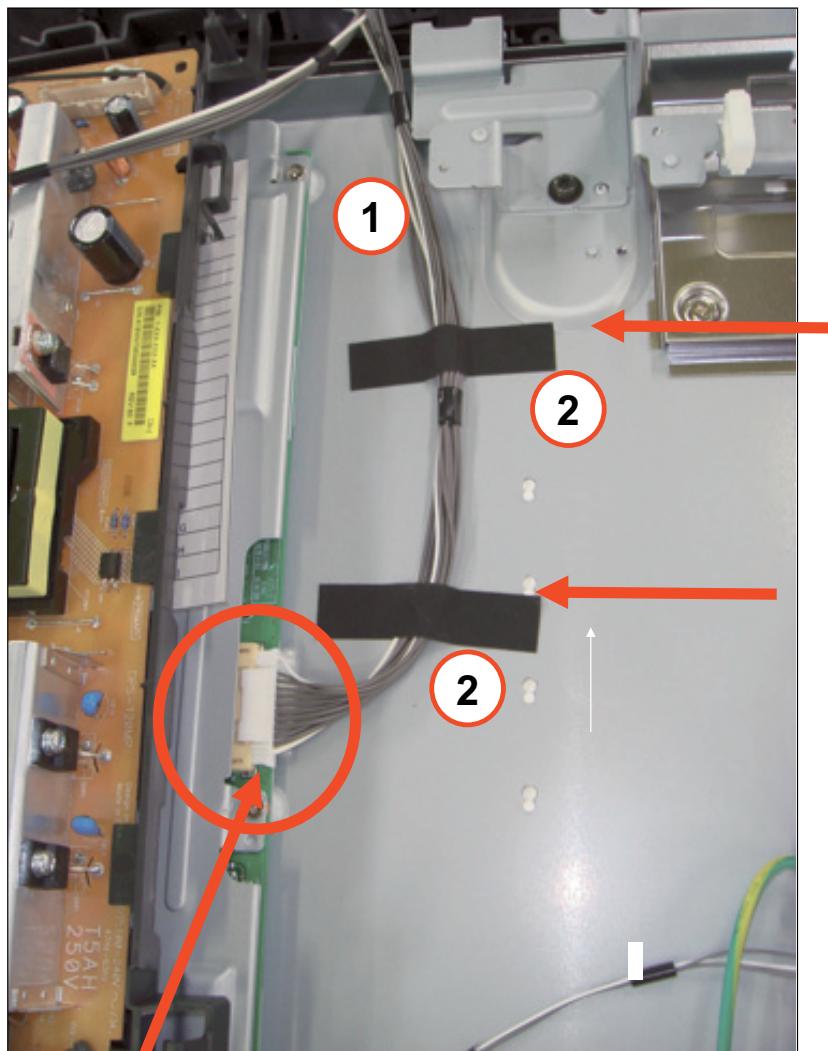
H4 BOARD



OPERATION PROCESS
1. Install H4-Bd. Be careful to align Plastic clip at bottom of bezel with notch in PWB.
2. Use LCD Tape to hold H4-Bd wires to edge of the RIGHT Speaker.

KDL-26S3000 ONLY

INVERTER CONNECTOR



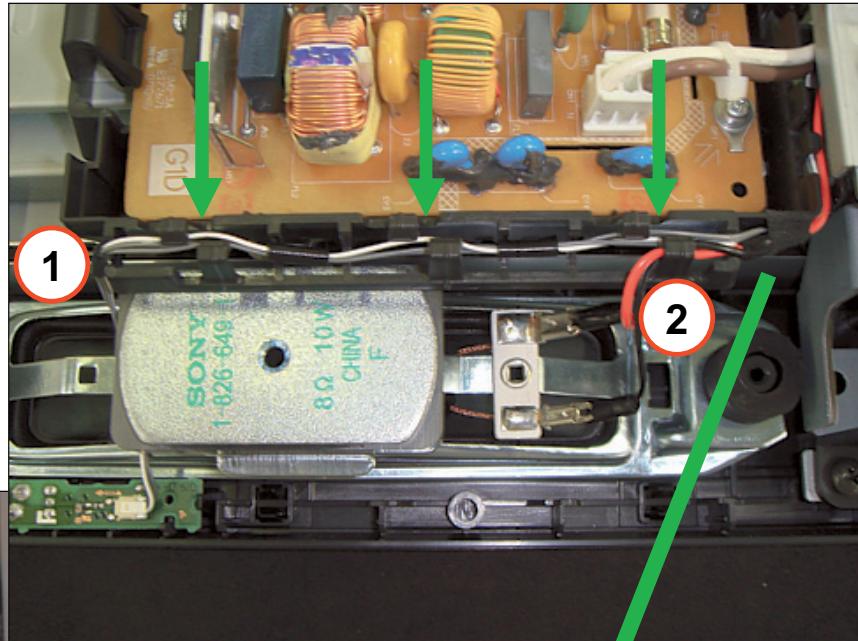
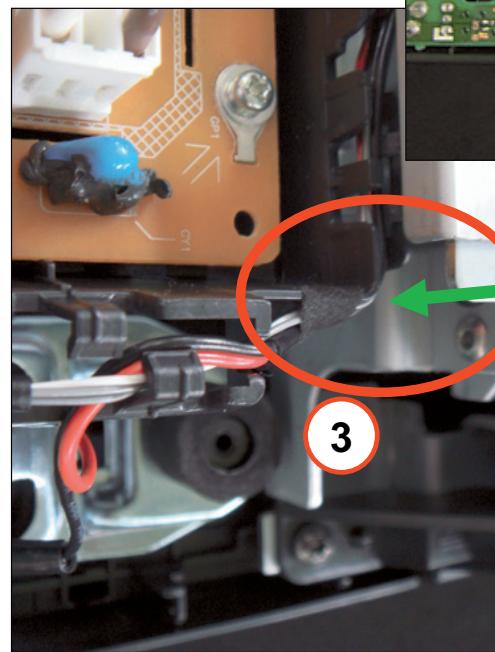
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

CAUTION: Make sure INVERTER CONN.
is Fully LOCKED!!

KDL-26S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



NOTE: Plastic G-Bracket has one piece of LCD Tape to hold wires close to bracket.
Sharp Edge of Lower LCD Bracket can cut insulation.

OPERATION PROCESS

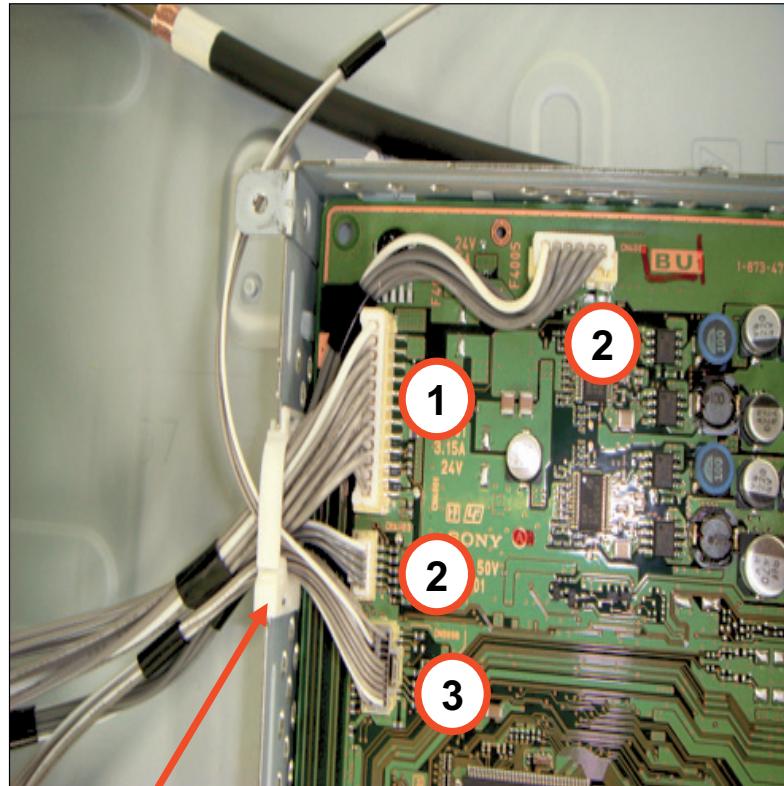
Wire Dress Right Speaker wires and H4 cables in G3-Bd clips (green arrows).

NOTE: Rt. Spkr. Wires are dressed ONLY in far right clip on G-Bracket

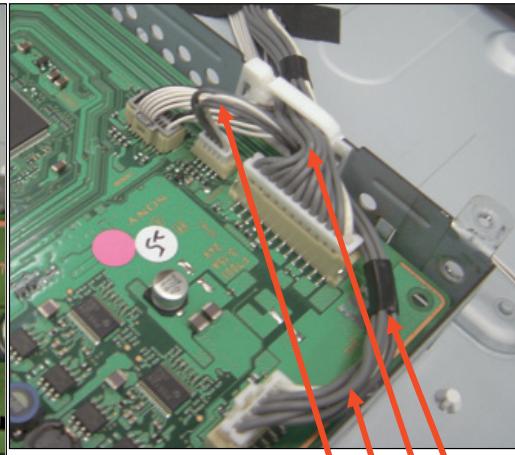
Apply LCD Tape to Corner of G-Bracket to keep wires from touching sharp edge of Lower LCD Bracket.

KDL-26S3000 ONLY

CORE BLOCK HARNESS



NOTE order and direction of cables!



**Keep Cables BELOW level
of Shield Case (Pinch Points)**

OPERATION PROCESS

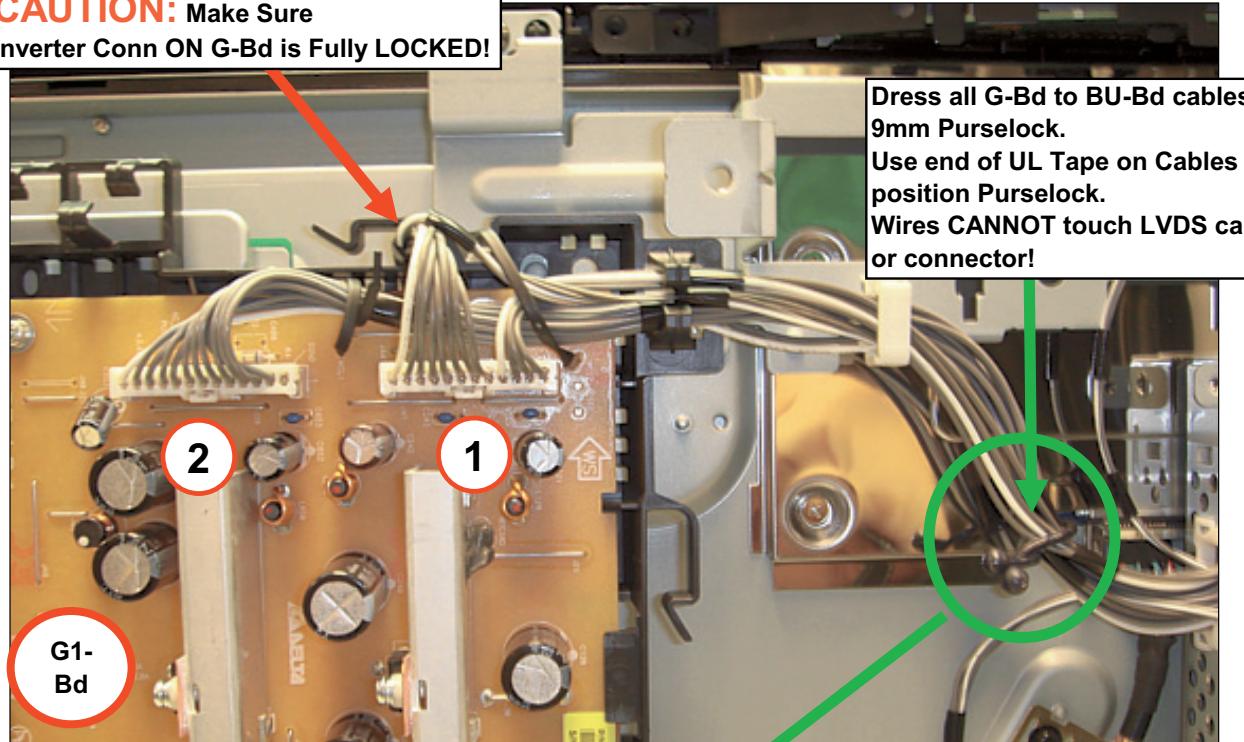
Route/Dress Harnesses connected to Core Block as Shown

NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-26S3000 ONLY

G1D BOARD

CAUTION: Make Sure
Inverter Conn ON G-Bd is Fully LOCKED!



Dress all G-Bd to BU-Bd cables in 9mm Purselock.
Use end of UL Tape on Cables to position Purselock.
Wires CANNOT touch LVDS cable or connector!

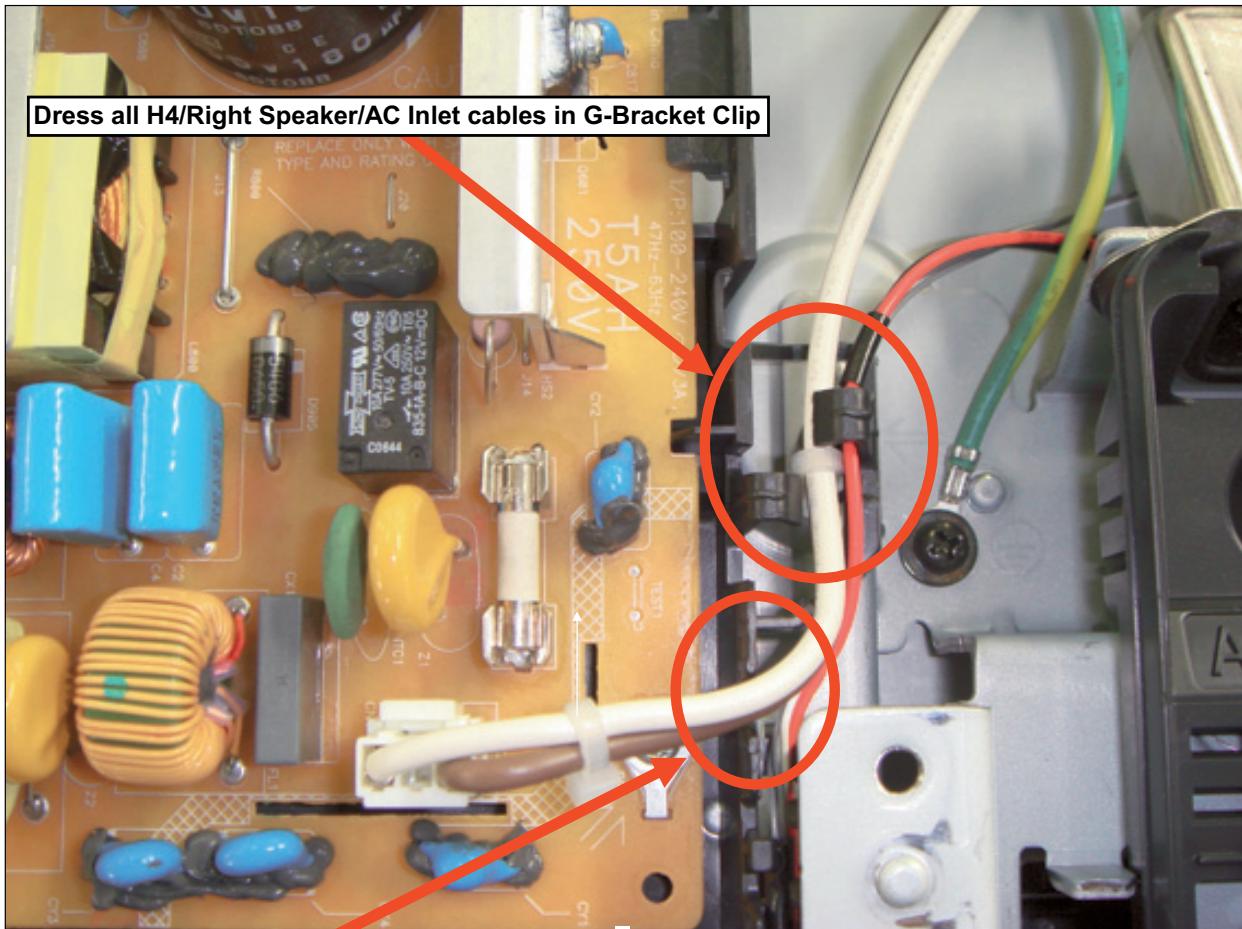
OPERATION PROCESS

1. Install/Wire Dress Harnesses as shown.
2. **CAUTION:** Make sure INVERTER CONN. is Fully LOCKED!!

Dress Cables in 9mm Purselock as shown.
CAUTION: Keep cables from G1-Bd from touching LVDS Cable/Connector.

KDL-26S3000 ONLY

G1D BOARD (CONTINUED)



CAUTION: Instruct Operators NOT to push wires in bracket with a lot of force. Cut-out in Bracket design is just to GUIDE wires away from heat-sink. Cut-out is NOT designed to hold wires inside channel securely!! IF Operator pushes on wires while they are in cut-out, damage/cut can occur in insulation.

OPERATION PROCESS

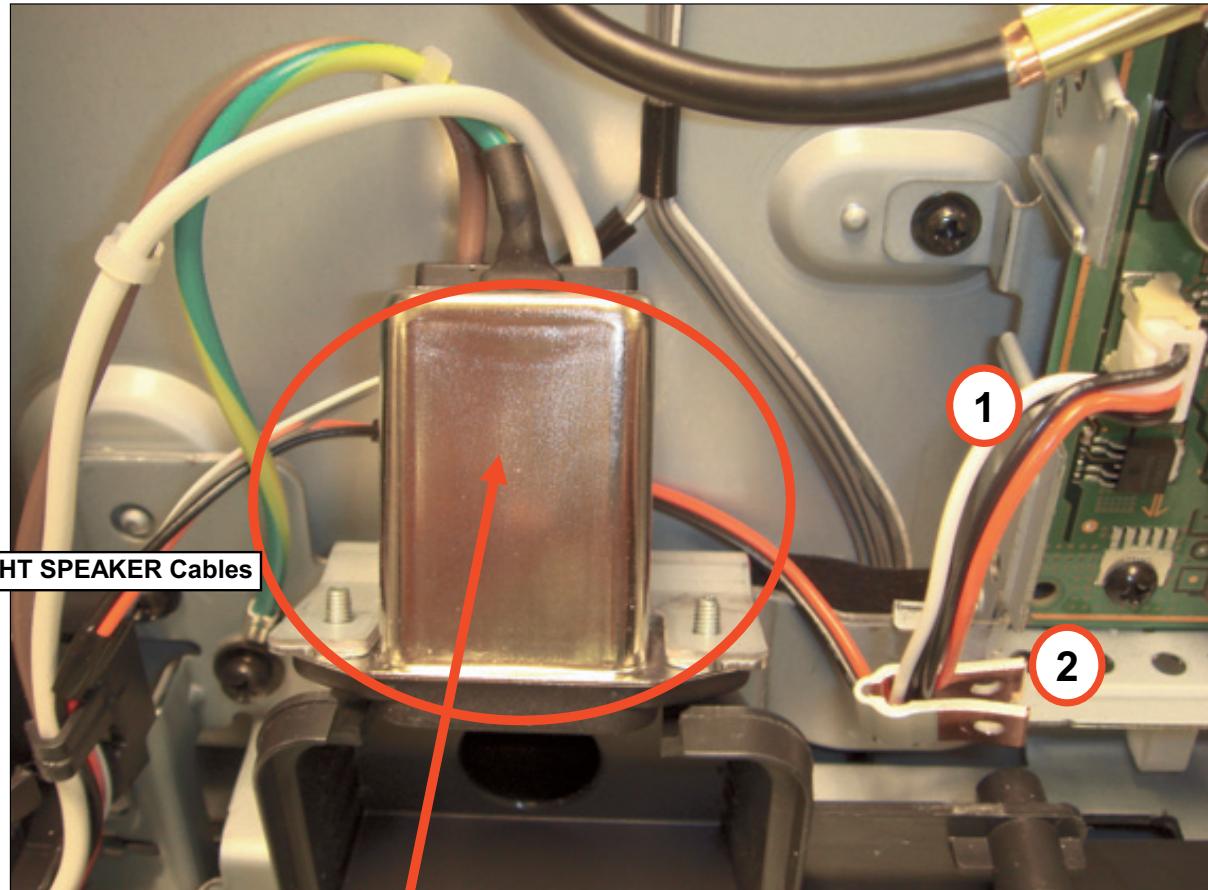
Install AC Inlet Connector and dress as shown.

Make Sure Earth GND wire is screwed into Lower LCD Bracket.

Dress Right Speaker/H4/AC Inlet cables in G-Bracket Clip.

KDL-26S3000 ONLY

SPEAKER HARNESS



OPERATION PROCESS

Wire Dress Speaker Cables as shown.

BOTH R/L cables are dressed in FGC-3 conductive clip.

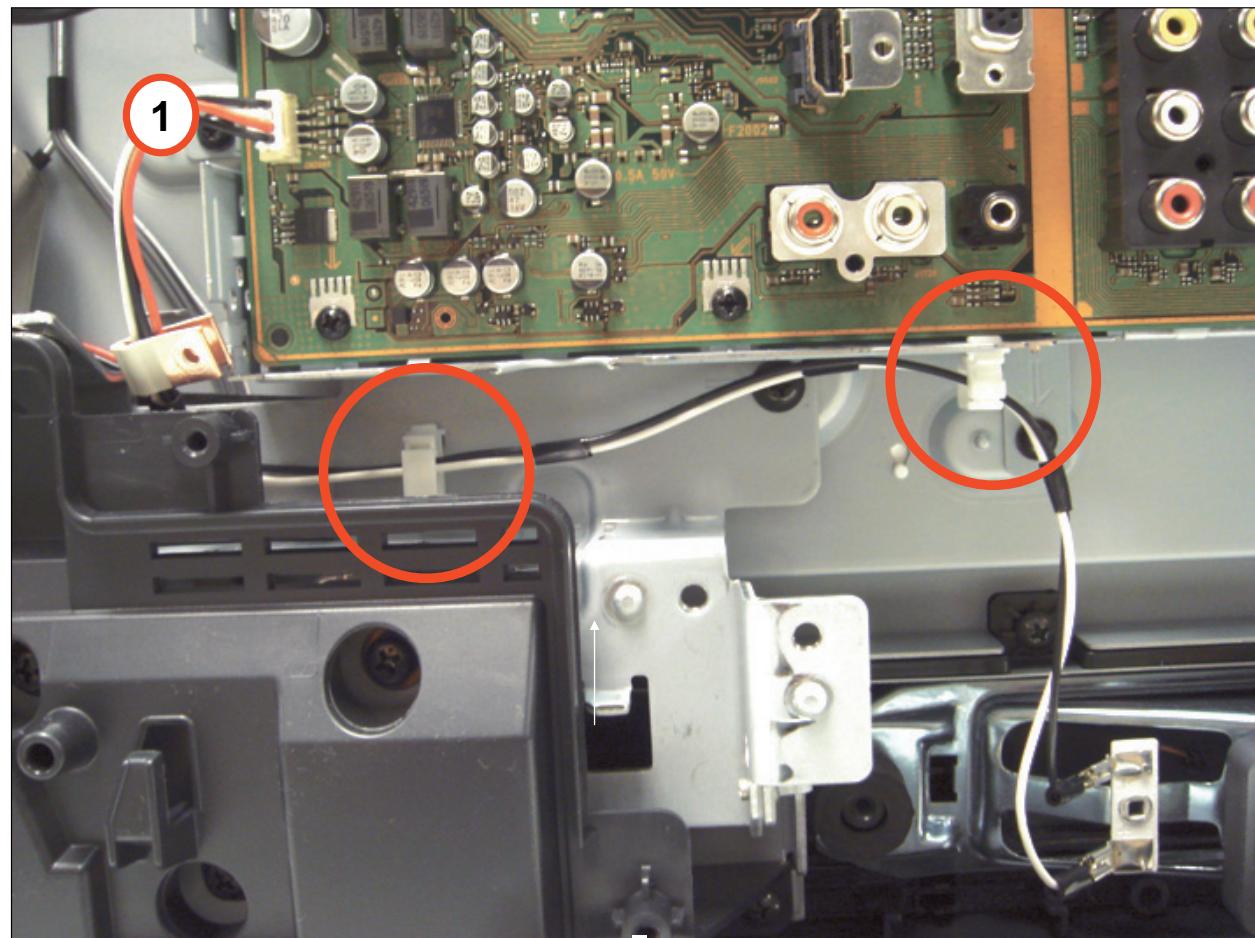
Right Speaker wires and H4-Bd cables are dressed UNDER AC Inlet.

TORQUE SPECIFICATION

Torque: 6kg.cm (+-1.0kg.cm)

KDL-26S3000 ONLY

LEFT SPEAKER HARNESS

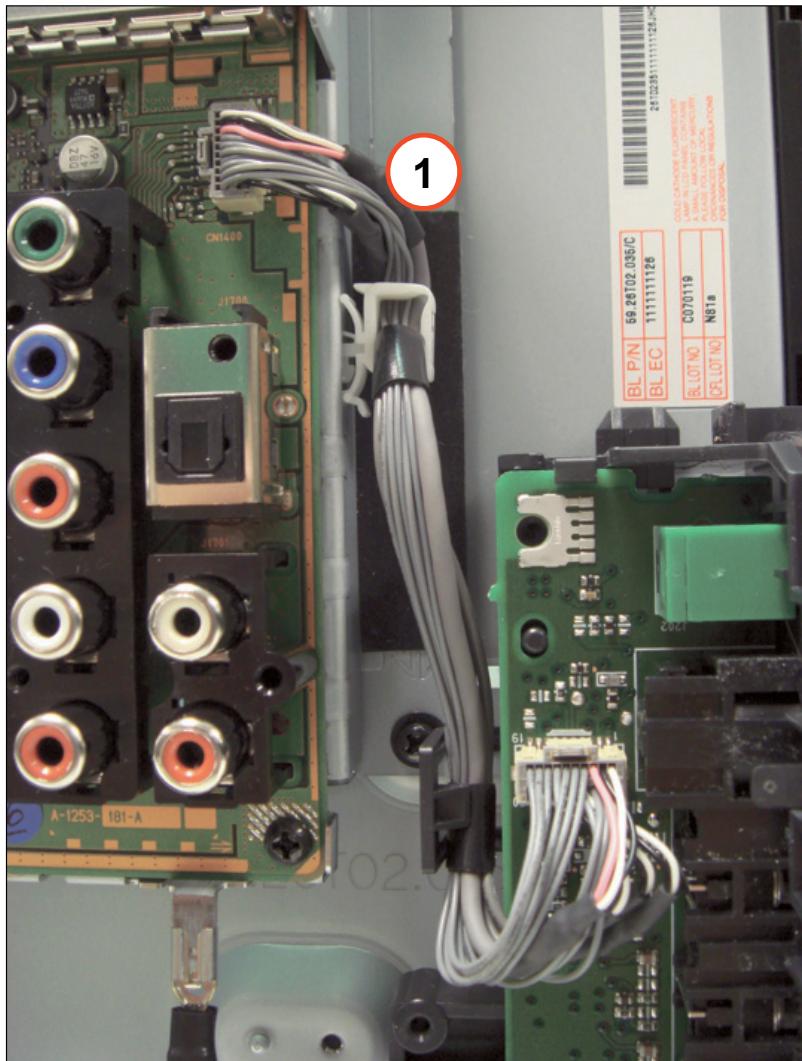


OPERATION PROCESS

Dress LEFT speaker harness as shown

KDL-26S3000 ONLY

U1 BOARD



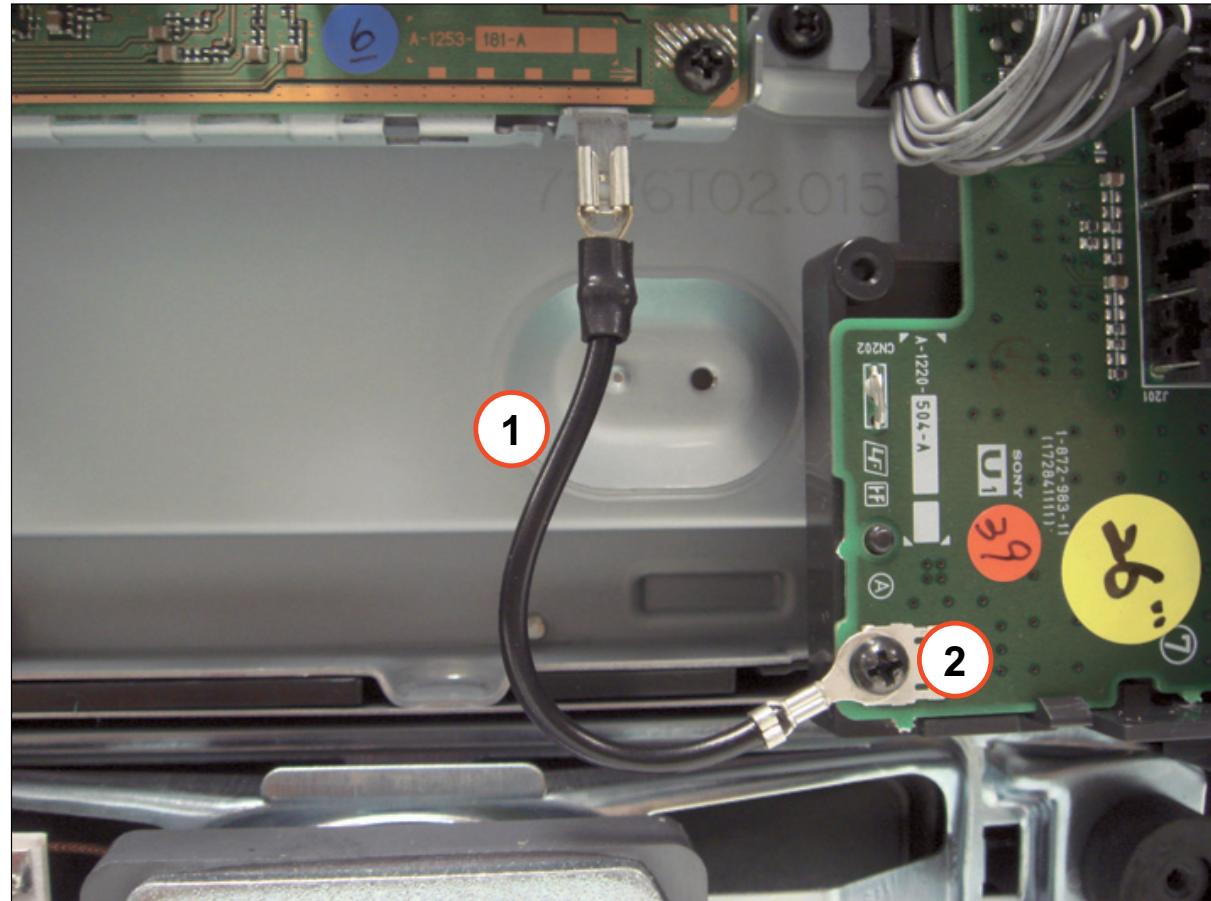
OPERATION PROCESS

Wire route/dress 20P U-Bd Harness as shown.

Put attention on the DIRECTION of the wires when dressing in clips.

KDL-26S3000 ONLY

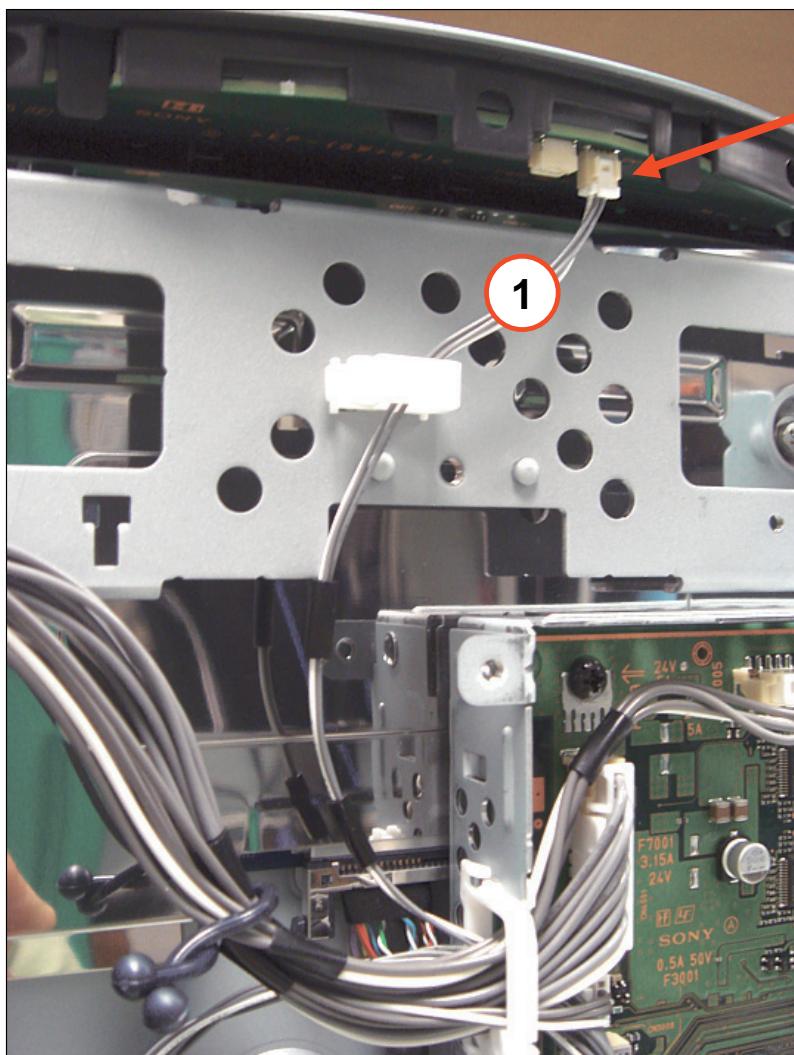
U1 BOARD (CONTINUED)



OPERATION PROCESS
Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation)
Use 3x12mm screw to fix ring terminal in U1 Bracket
TORQUE SPECIFICATION
Torque: 3mm Screw: 6kg-cm

KDL-26S3000 ONLY

H1 BOARD



NOTE which connector cables are attached to on H1-Bd.

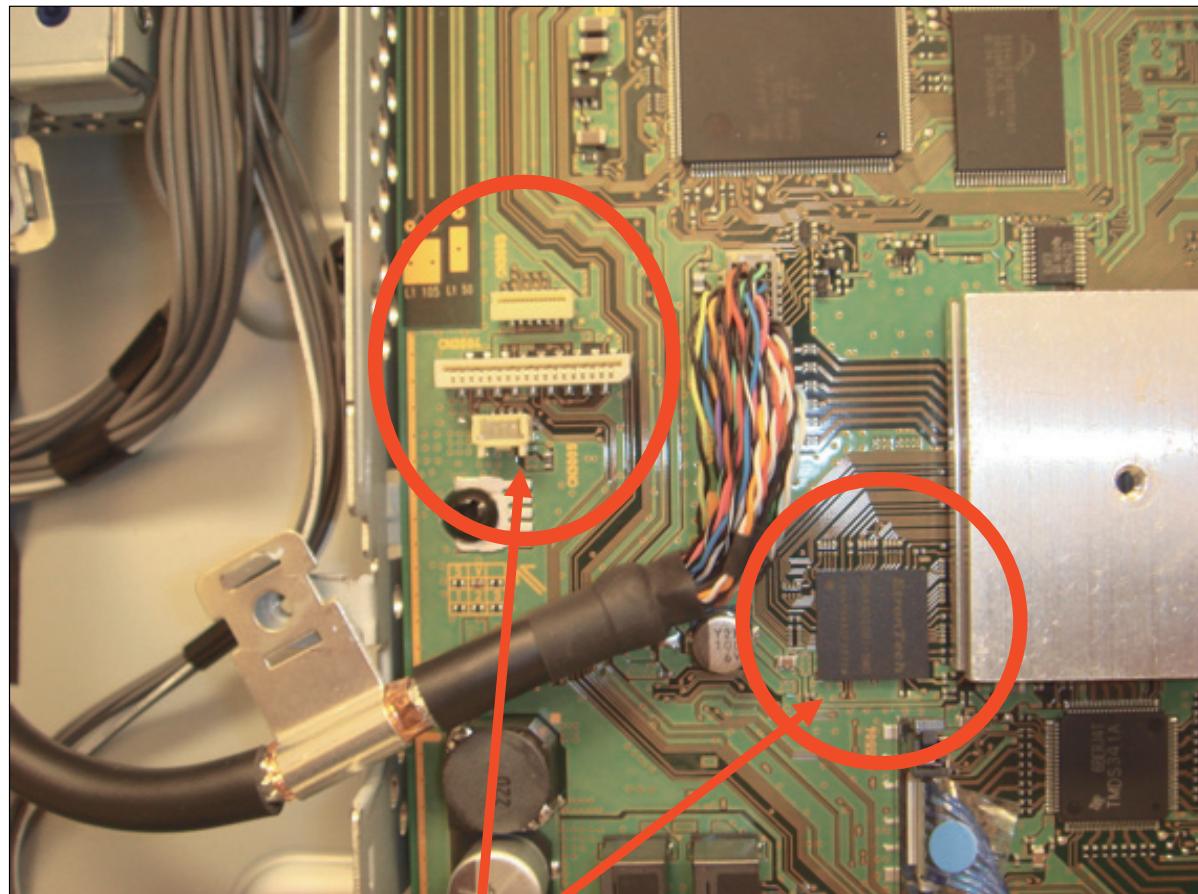
OPERATION PROCESS

Dress/Route H1-Bd harness as shown on photo.

NOTE: Put attention on SLACK of cable.

KDL-26S3000 ONLY

LVDS CABLE



CAUTION: Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

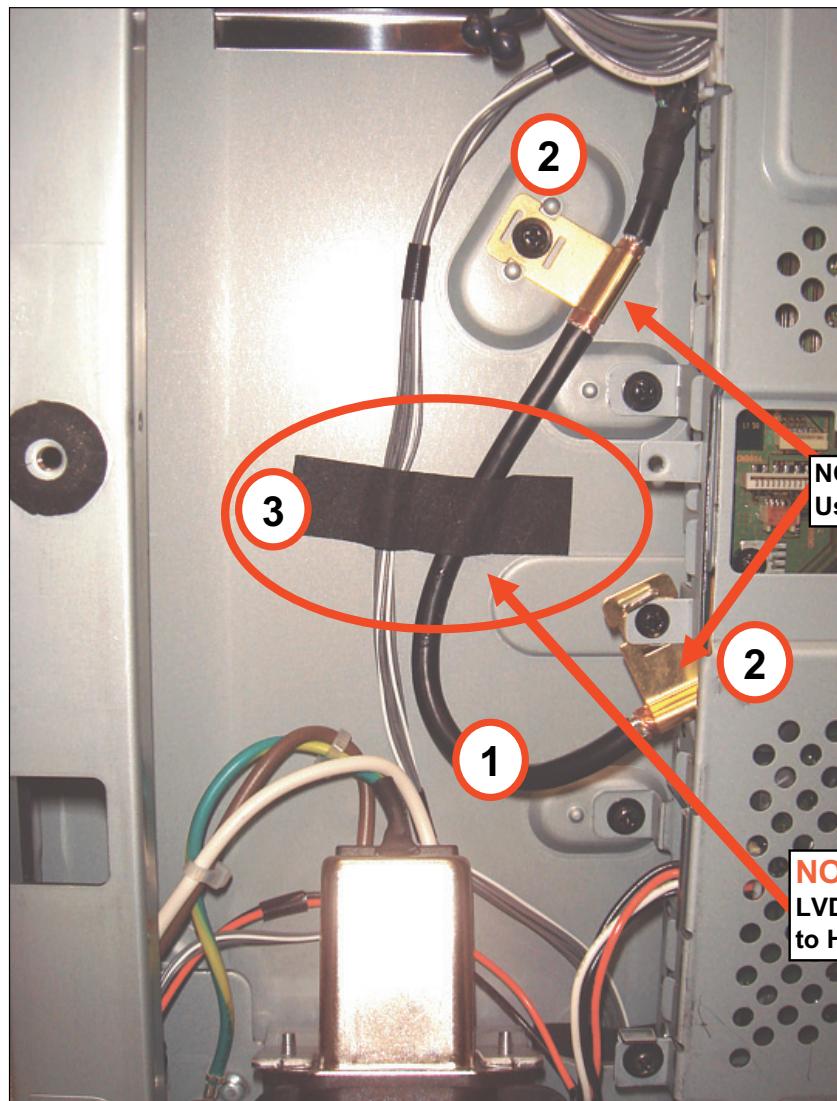
OPERATION PROCESS

Route LVDS Harness from BU-Board (CN4500) as shown.

CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-26S3000 ONLY

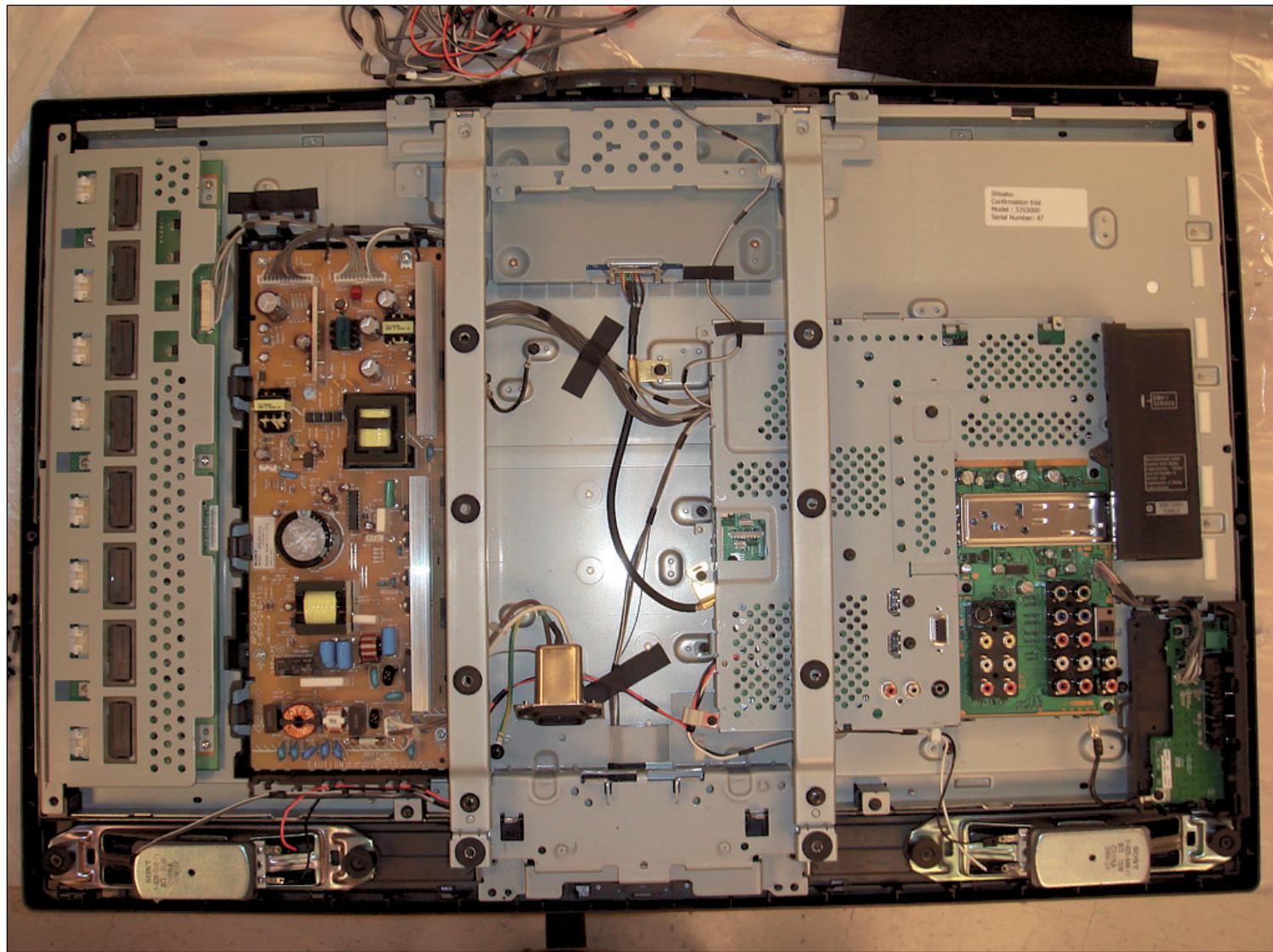
LVDS CABLE (CONTINUED)



OPERATION PROCESS
Route LVDS Cable as Shown
Put attention to the Cable (ABOVE or BELOW) other cables.
TORQUE SPECIFICATION
Torque: 3mm Screw: 6kg-cm

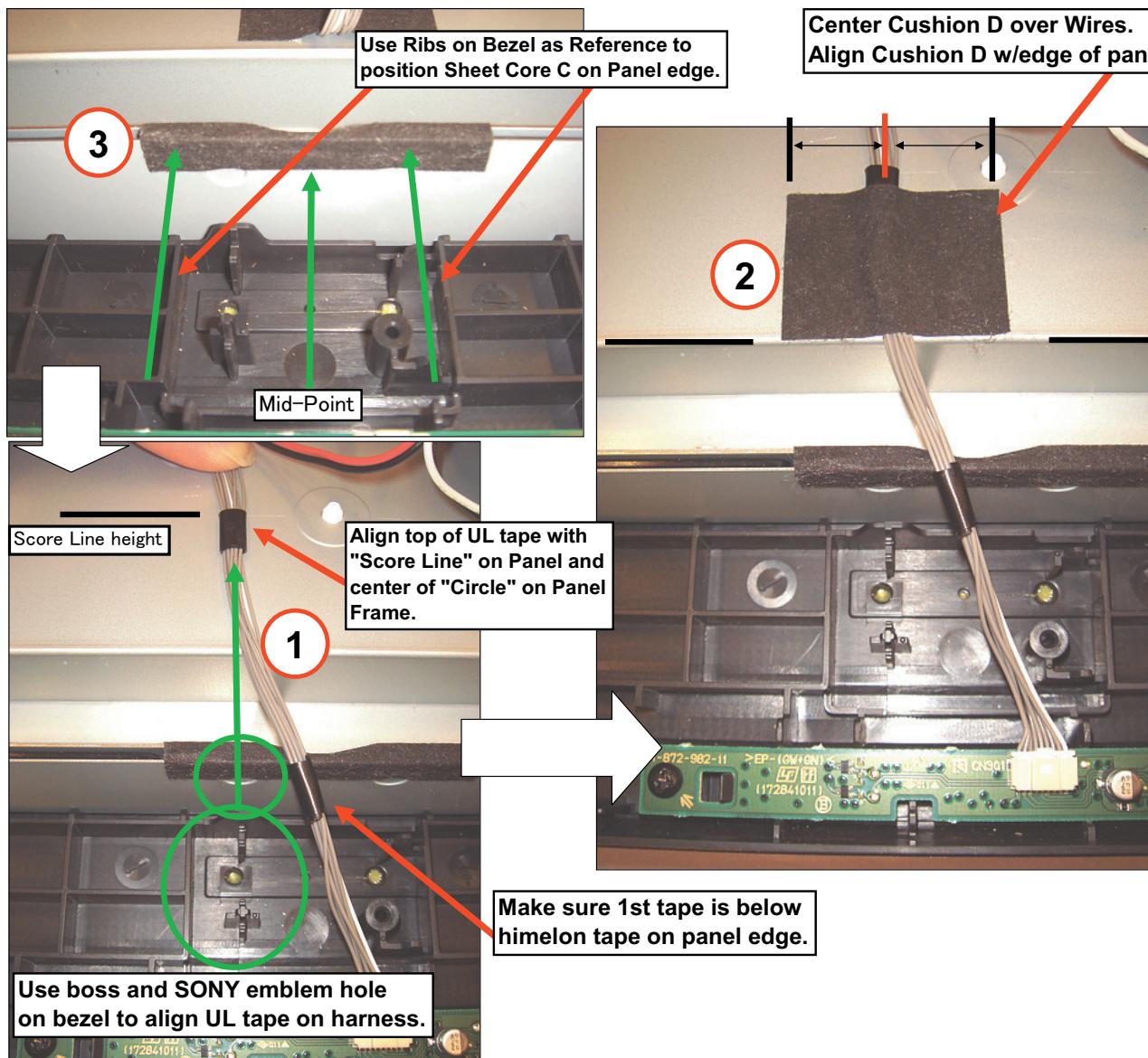
KDL-32S3000 ONLY

OVERALL VIEW



KDL-32S3000 ONLY

H3 BOARD HARNESS

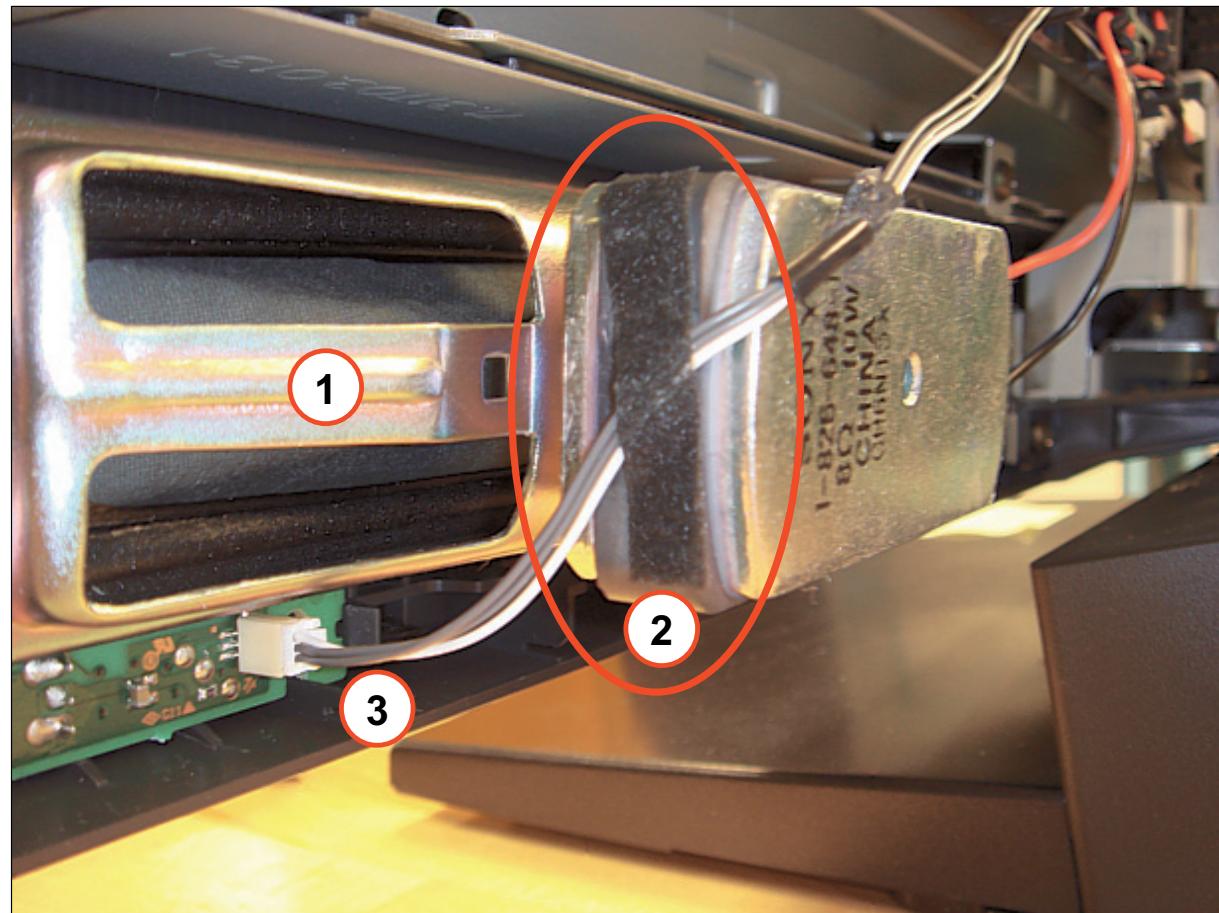


OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
2. Align H3 harness as shown in photo. Take caution not to create tension on the H3 connector! Connector will unlock.
3. Apply Cushion D as shown in 3rd photo.

KDL-32S3000 ONLY

H4 BOARD

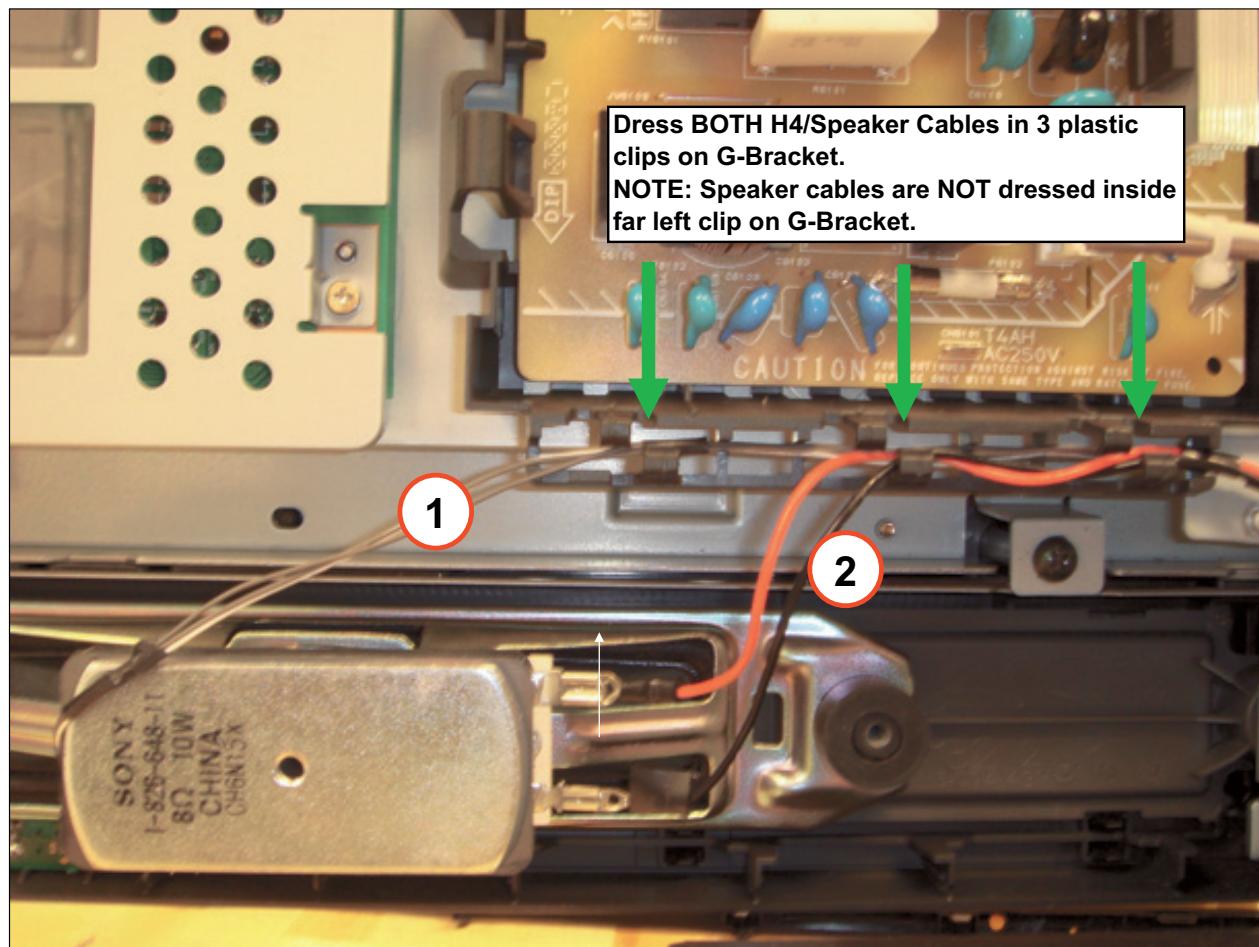


OPERATION PROCESS

1. Install H4-Bd BEFORE Installing the speakers/baffles.
2. Apply LCD Tape on SIDE of the magnet on Rt. Speaker to hold the H4 Cables.
3. MAKE SURE there is slack in the cable between the H4 Connector and LCD Tape. Tension on the cable will cause the Connector to lift or break.

KDL-32S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



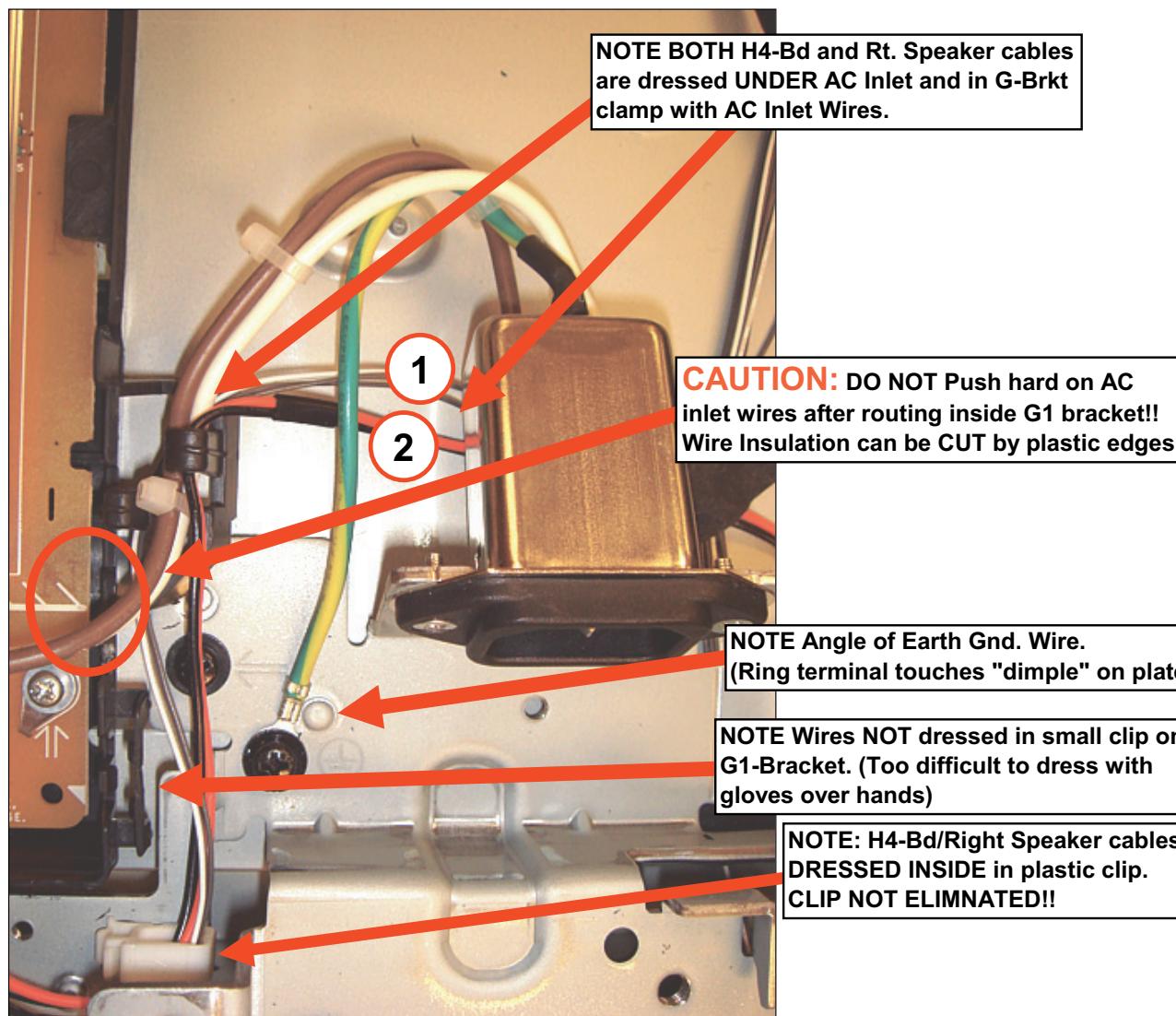
OPERATION PROCESS

Wire Dress Rt. Speaker wires and H4 cables in G-Bracket clips (x3)

NOTE: Rt. Spkr. Wires are NOT dressed in far LEFT G-Bracket clip!

KDL-32S3000 ONLY

H4 BOARD AND RIGHT SPEAKER (CONTINUED)

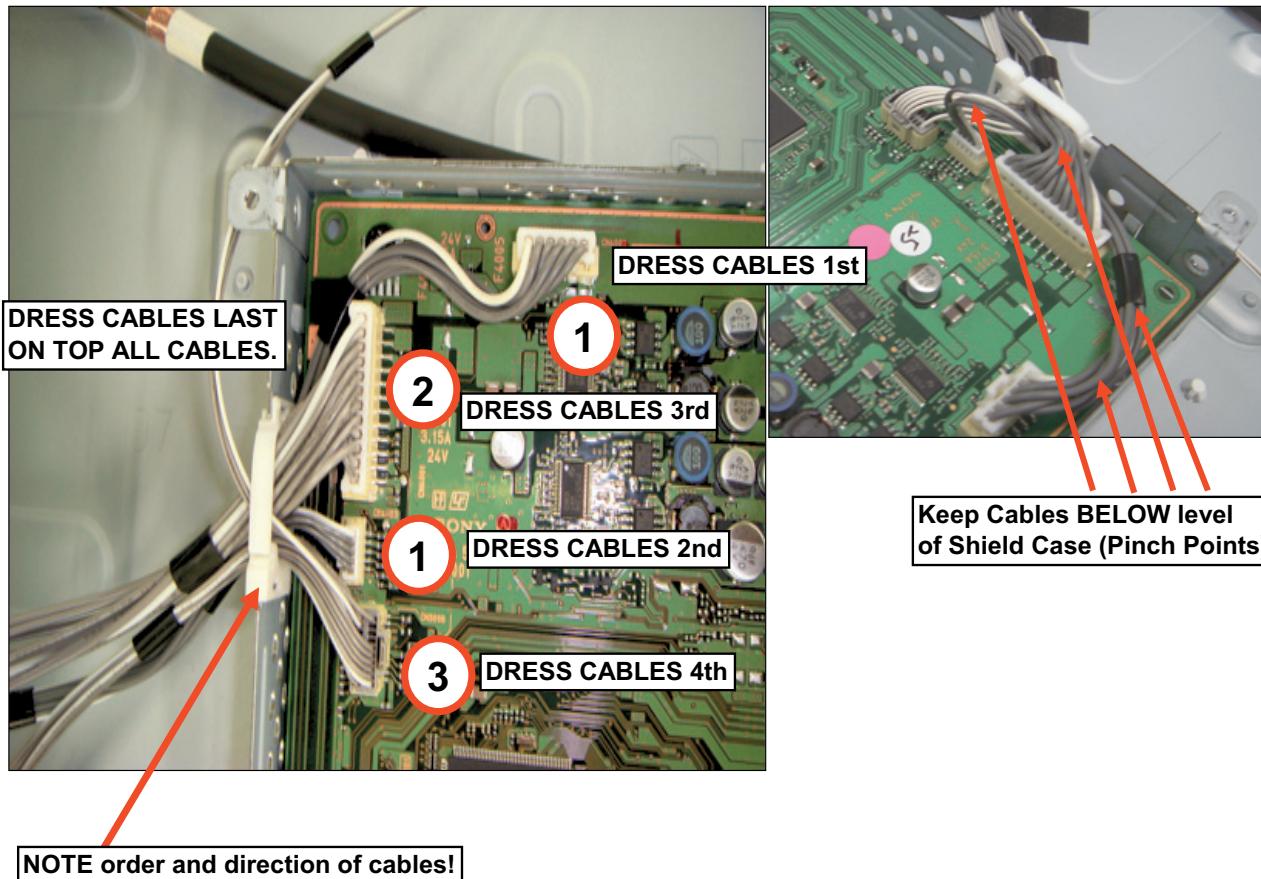


OPERATION PROCESS

1. Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clip (black).
NOTE: H4-Bd/Rt. Speaker cables are dressed UNDER AC Inlet.
2. Dress AC Inlet cables as shown.
Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-32S3000 ONLY

CORE BLOCK HARNESS



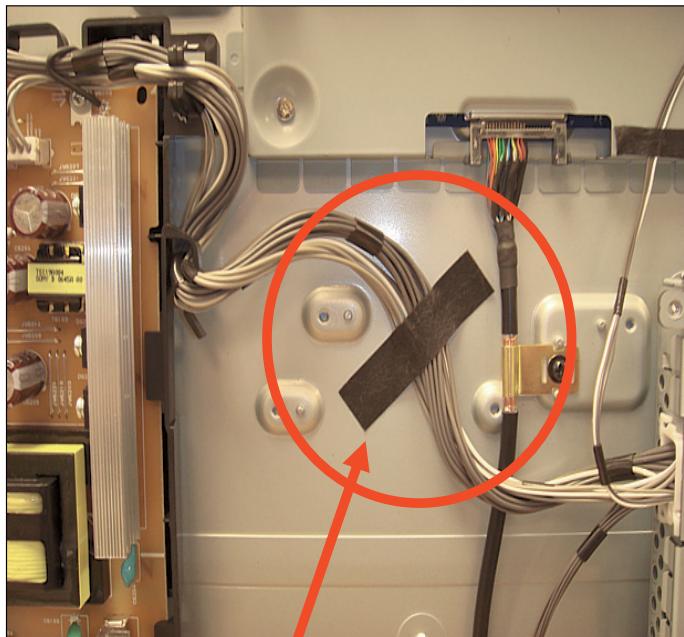
OPERATION PROCESS

Route/Dress Harnesses connected to Core Block as Shown

NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-32S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)



NOTE Routing of cables and position of Sheet Core C.

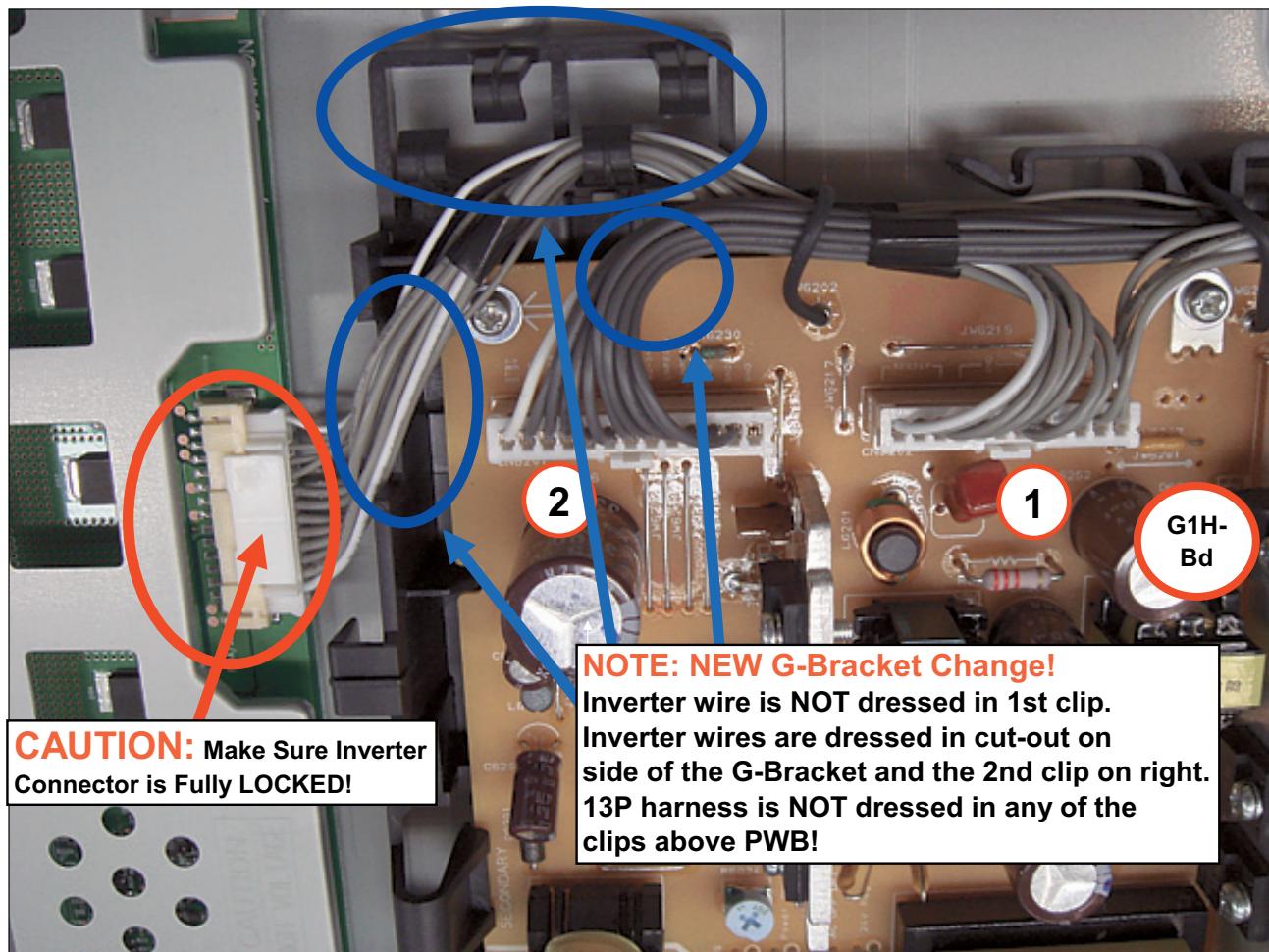


NOTE direction of wires dressed in G-Bracket.

OPERATION PROCESS
Route/Dress Core-Block cables as shown
Put Attention on DIRECTION of cables in G-Bracket.
Put Attention on the position of the Sheet Core C and routing of the Cables between Core Block and G1-Bracket.

KDL-32S3000 ONLY

G1H BOARD



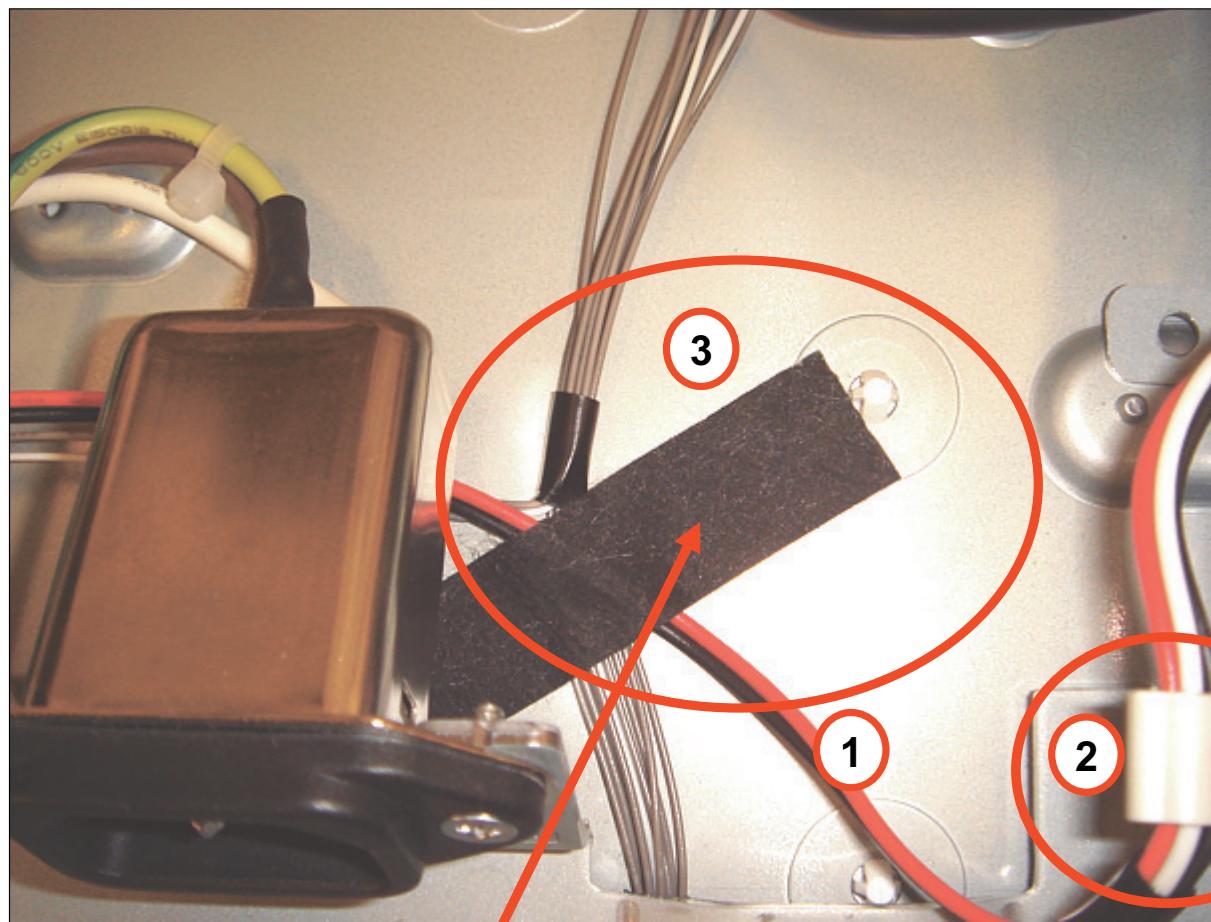
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

CAUTION: Make sure INVERTER CONN. is Fully LOCKED!!

KDL-32S3000 ONLY

SPEAKER HARNESS



Apply Sheet Core C to BOTH H4/H3 AND Right Speaker Wires.
Align edge of tape with White Plastic Peg On Panel.

OPERATION PROCESS

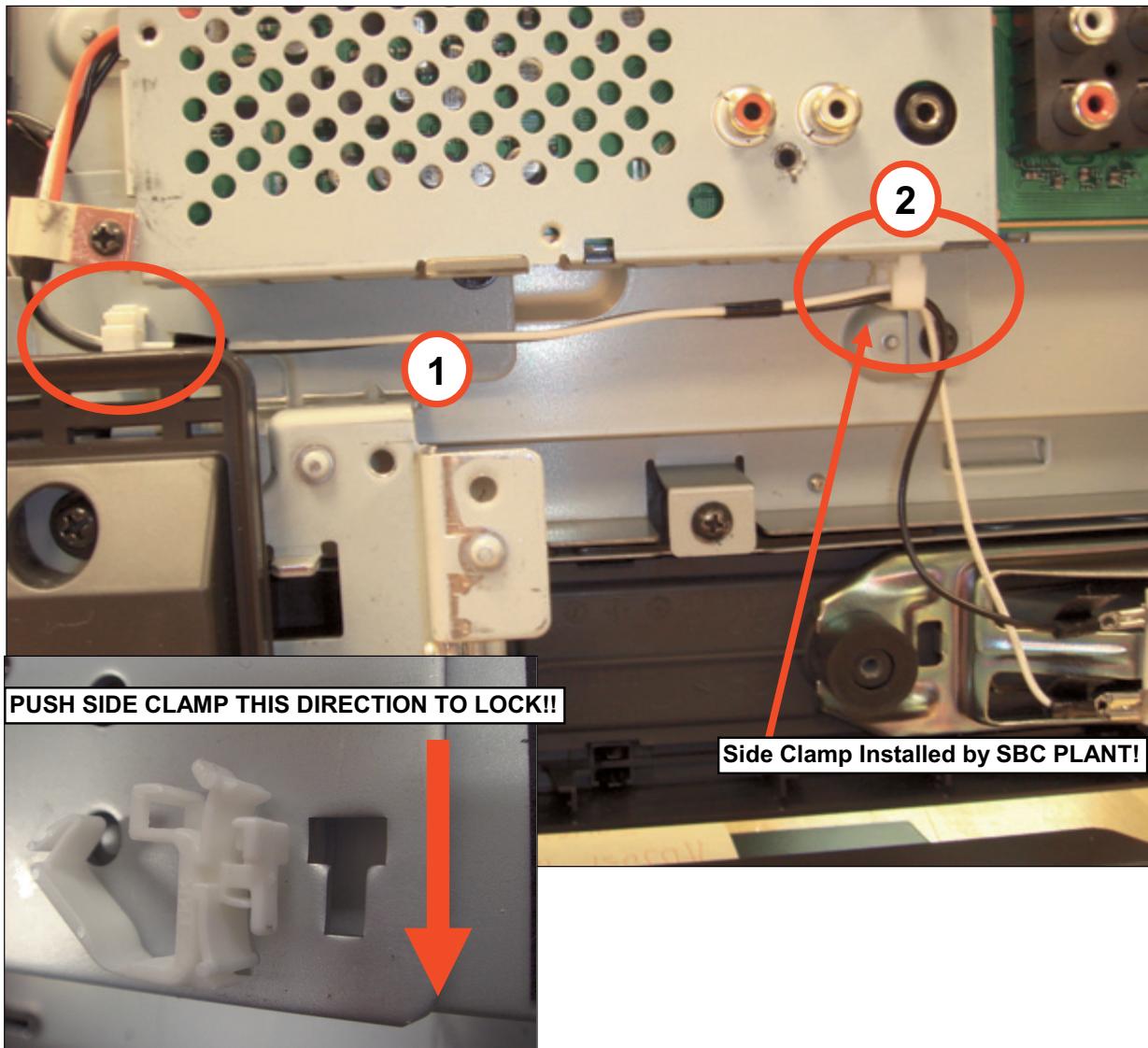
1. Wire Dress Speaker Cables as shown.
2. BOTH R/L cables are dressed in FGC-3 conductive clip.
3. Apply LCD TAPE to BOTH H4-Bd AND Right Speaker Wires.

TORQUE SPECIFICATION

TORQUE: 6kg.cm (+-1.0kg.cm)

KDL-32S3000 ONLY

LEFT SPEAKER HARNESS

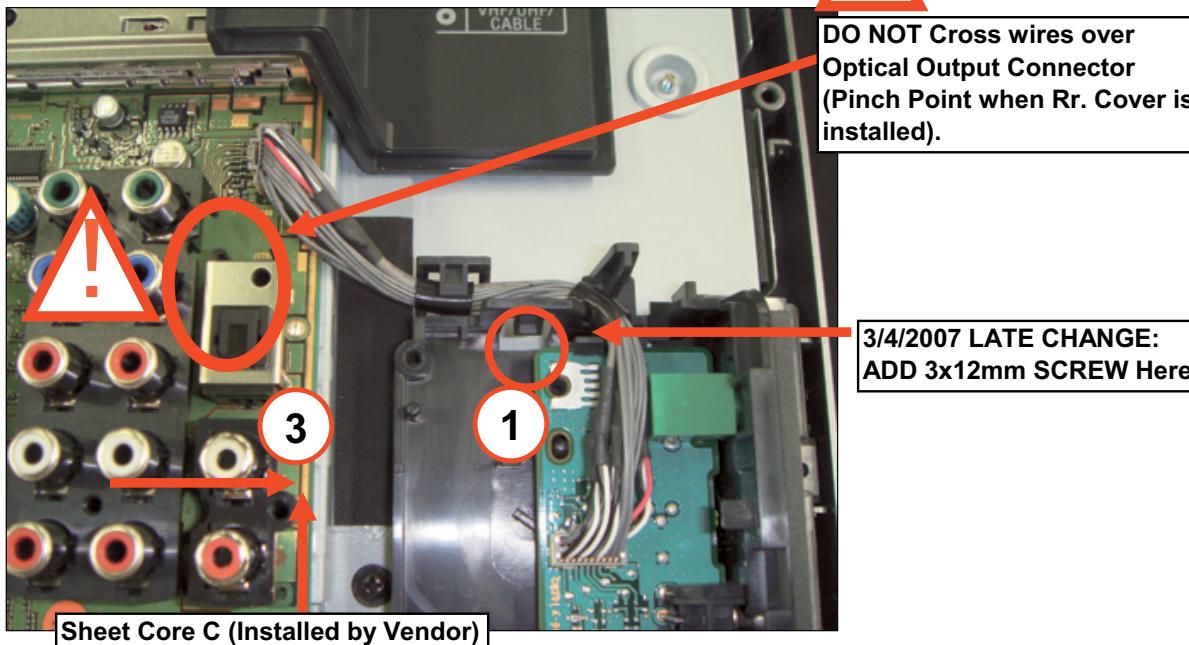
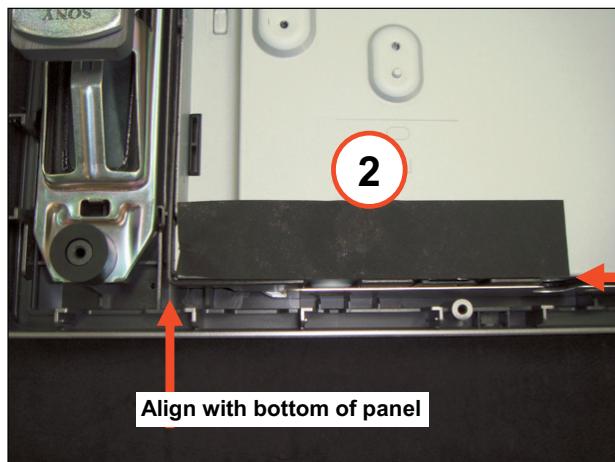


OPERATION PROCESS

Dress LEFT speaker harness as shown

KDL-32S3000 ONLY

U1 BOARD

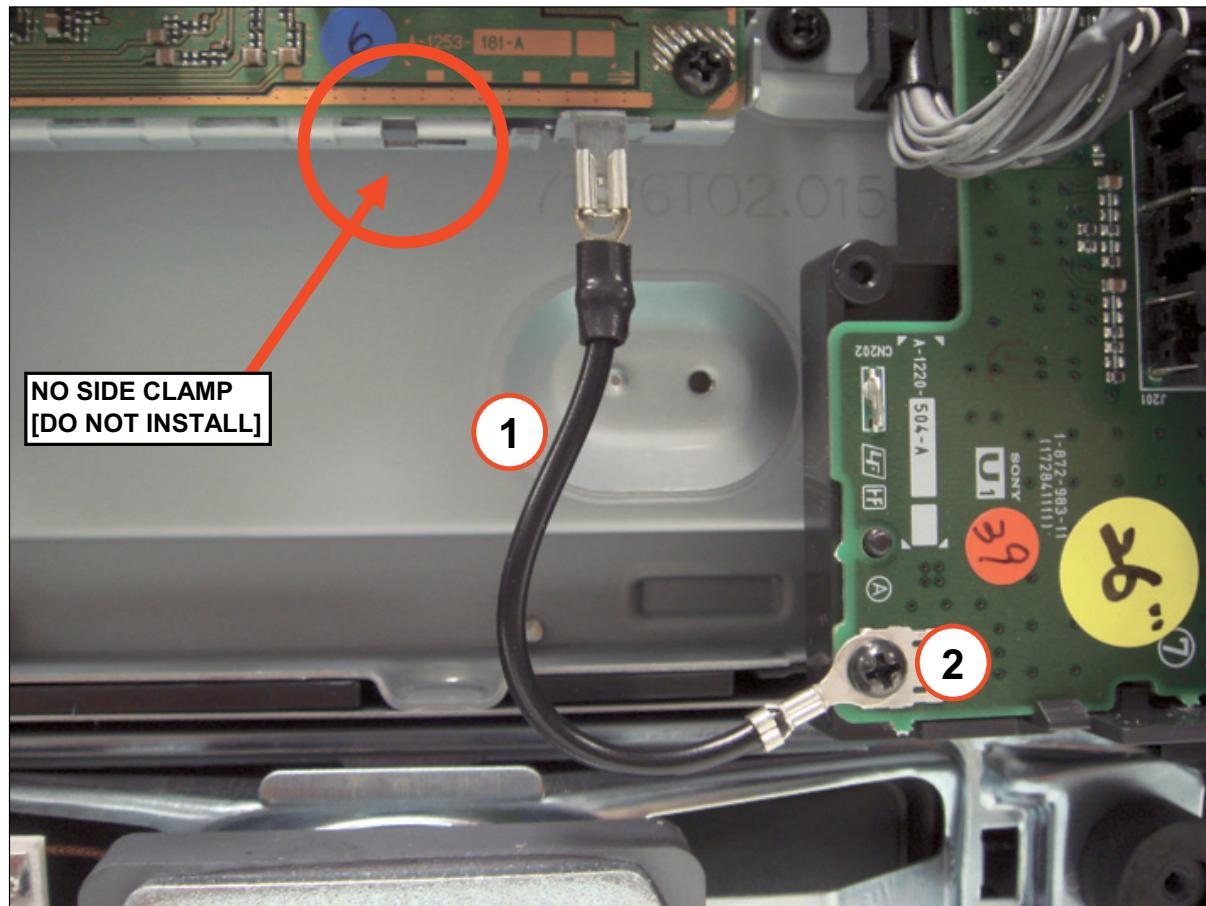


OPERATION PROCESS

1. Apply Sheet Core A to Panel in location where U1 bracket is to be installed (Use edges of panel as guide)
2. Make sure DTT Shield has Sheet Core C installed as per diagram.
3. Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on U1 Bracket.

KDL-32S3000 ONLY

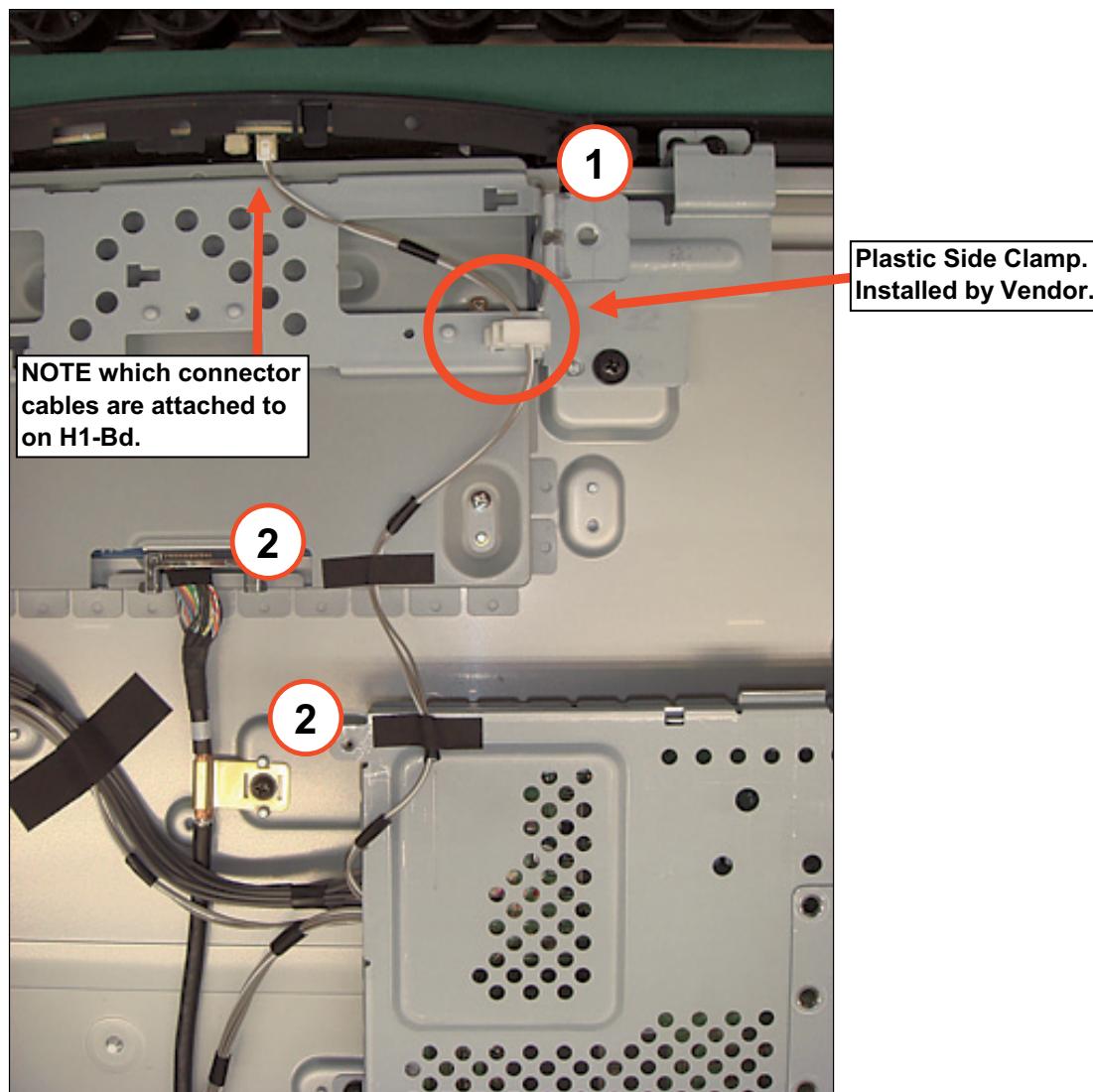
U1 BOARD (CONTINUED)



OPERATION PROCESS
1. Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation)
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-32S3000 ONLY

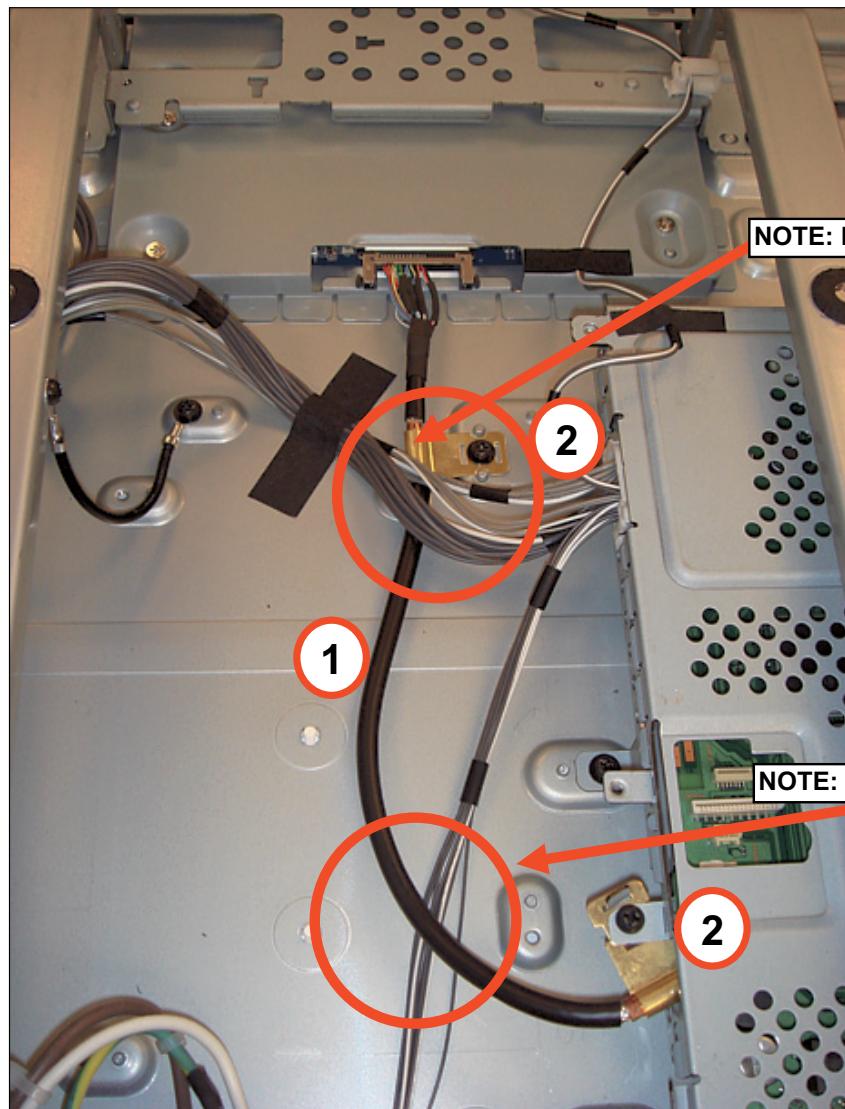
H1 BOARD



OPERATION PROCESS
1. Dress/Route H1-Bd harness as shown on photo.
2. NOTE: Put attention on SLACK of cable. Between Connector on H1 and tape there is slack in wire. Between tape/clamp there is slack. Between tape/DTT Shield there is slack.

KDL-32S3000 ONLY

LVDS CABLE



OPERATION PROCESS

1. Route 40P LVDS Cable between BU-Bd and TCON as shown.
2. Apply 3x8mm Screw (2-places) to ground LVDS cable.

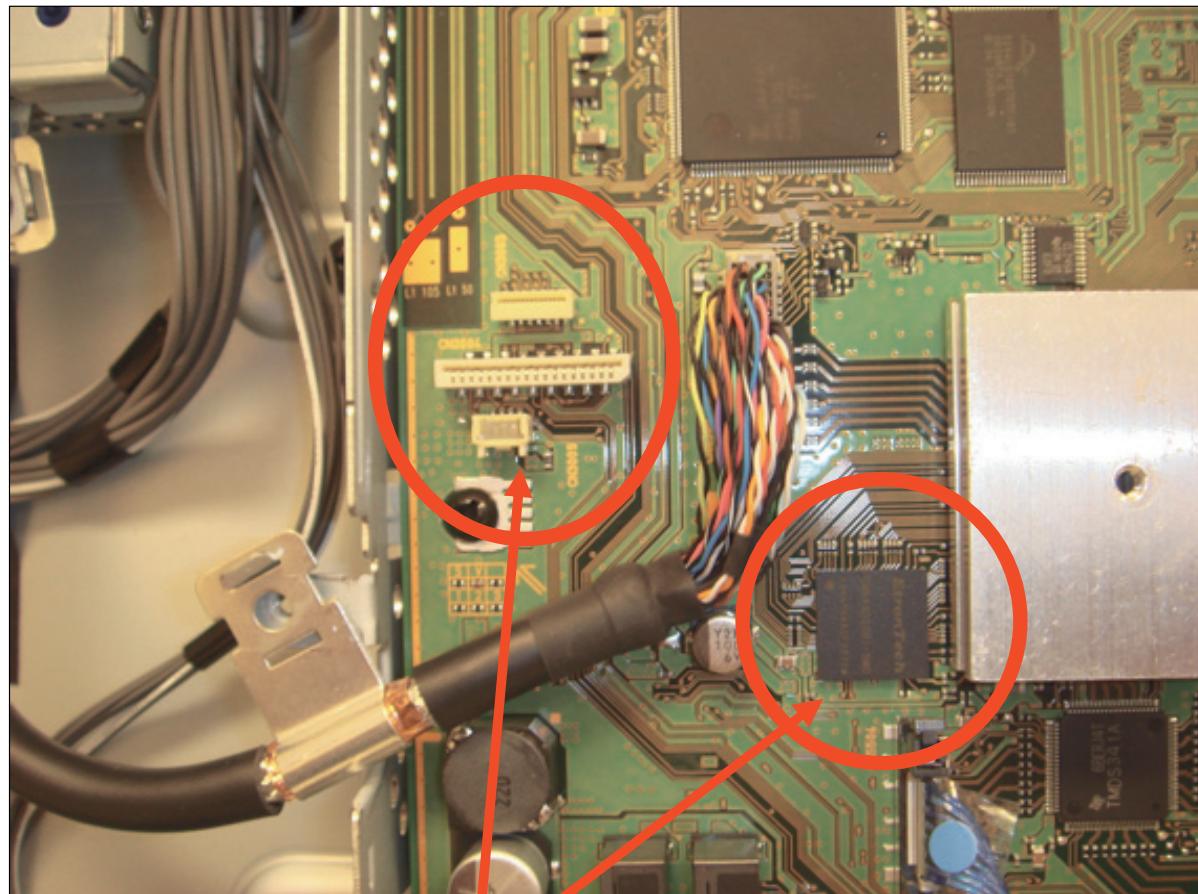
Put Attention on Routing of Cable.
G1 to BU cables are on TOP of LVDS.
H3-Bd cables are UNDER LVDS.

TORQUE SPECIFICATION

3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-32S3000 ONLY

LVDS CABLE (CONTINUED)



CAUTION: Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

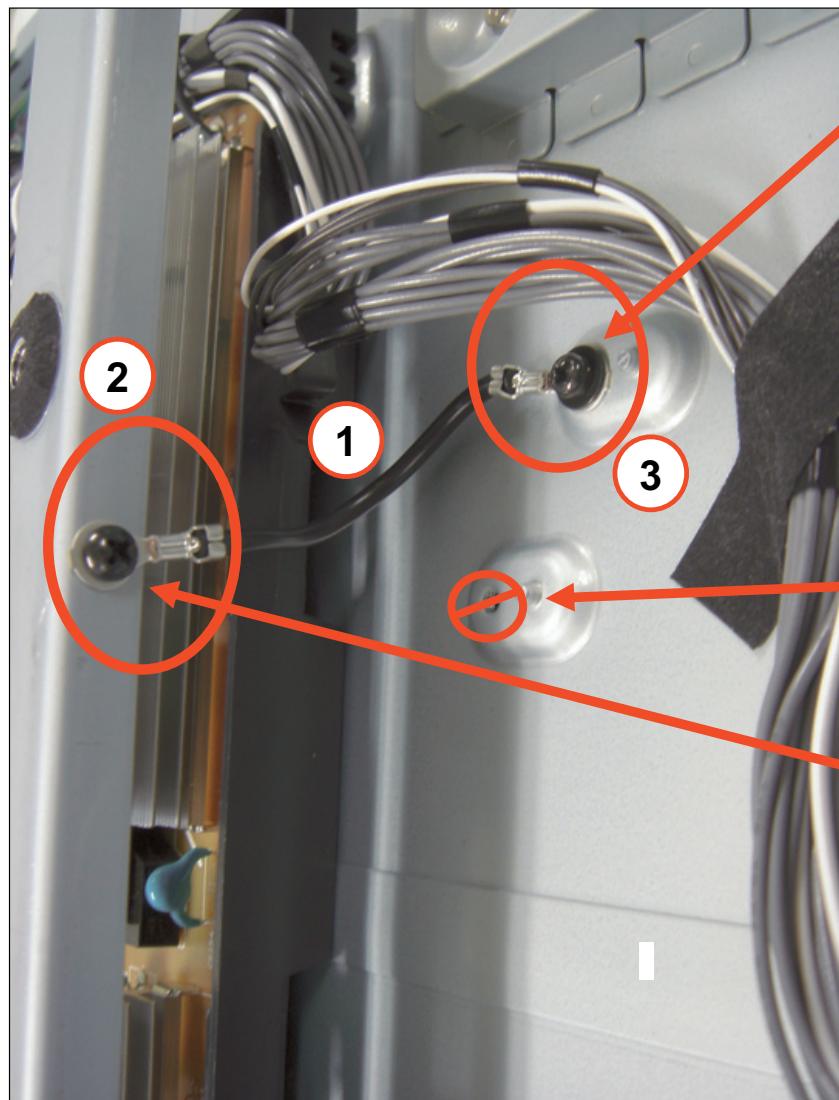
OPERATION PROCESS

Route LVDS Harness from BU-Board (CN4500) as shown.

CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-32S3000 ONLY

VESA BRACKET GROUND WIRE



Install 3x5mm screw to GND Tab on panel above BH-Bd Shield Case.

OPERATION PROCESS

Attach ESD Grounding wire as shown shown.

NOTE: 3x8mm AND 3x5mm Screws are used!!

TORQUE SPECIFICATION

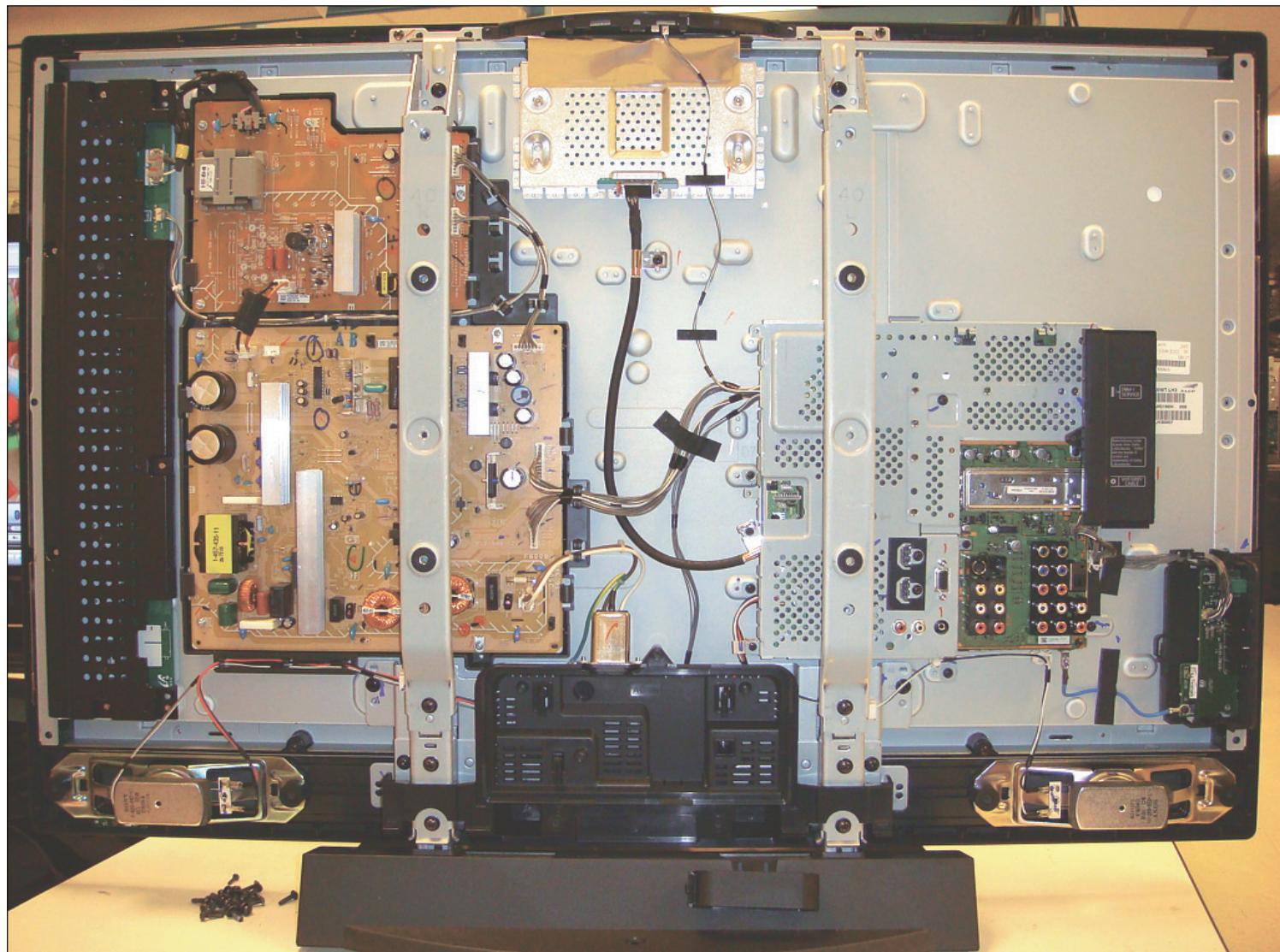
TORQUE: 6.0kg.cm (+-1.0kg.cm)

DO NOT install 3x5mm screw to GND Tab on lower panel "dimple".

Install 3x8mm screw to GND Tab on RIGHT VESA Bracket.
NOTE: This screw can be applied off-line as pre-assembly operation.

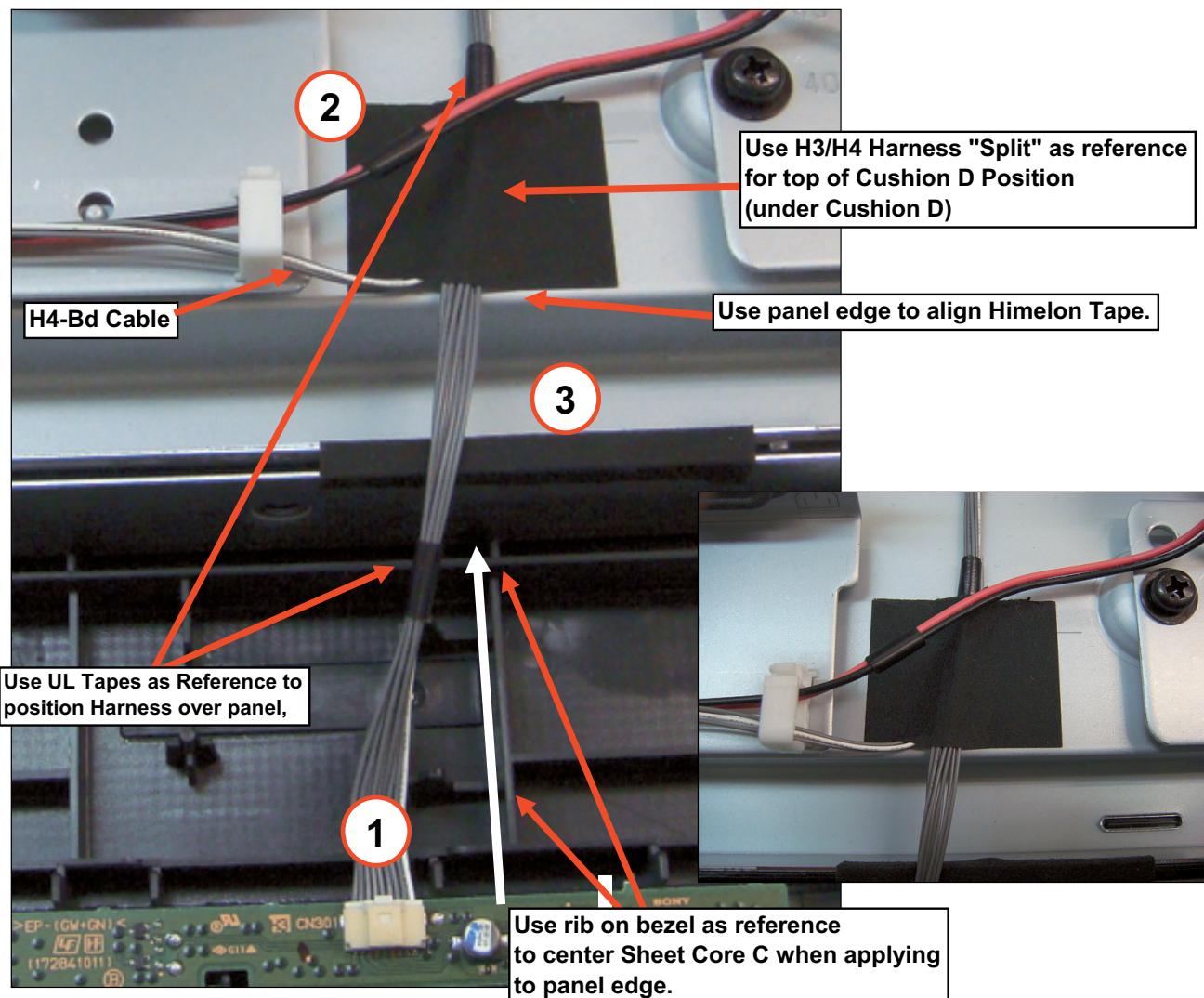
KDL-40S3000 ONLY

OVERALL VIEW



KDL-40S3000 ONLY

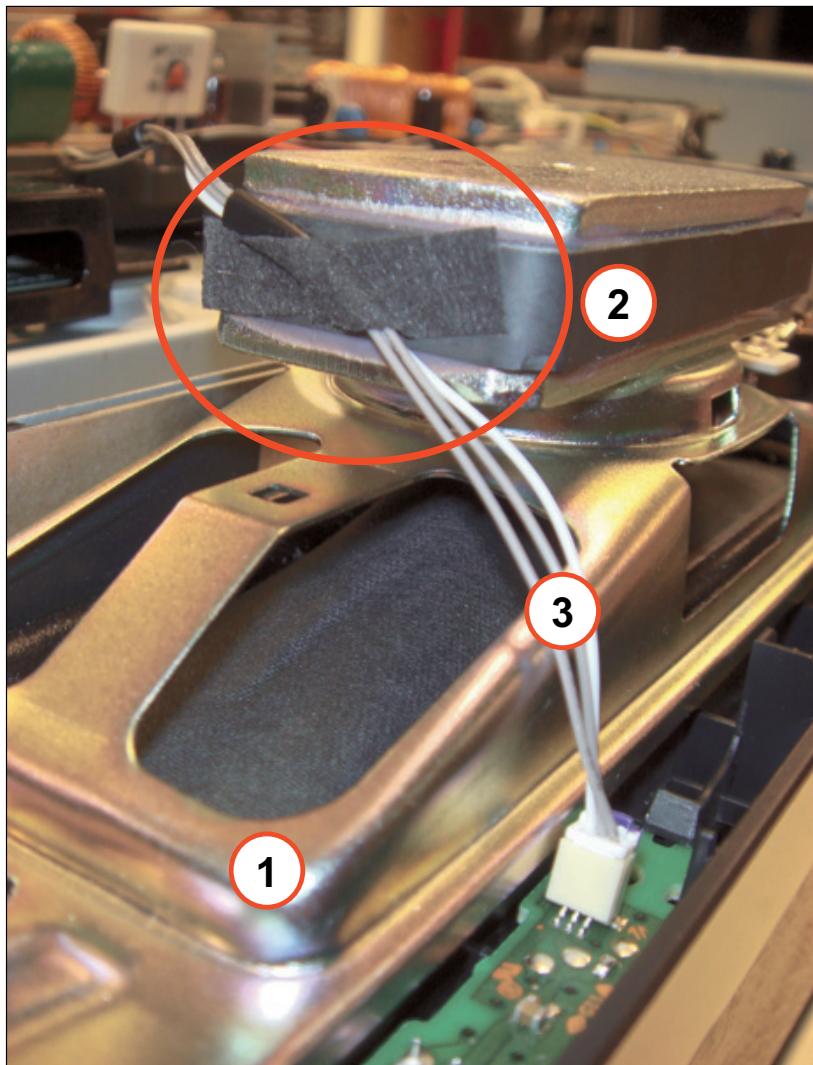
H3 BOARD HARNESS



OPERATION PROCESS
1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel. Use ribs on bezel (w/o screw boss) as a guide to center tape.
2. Dress split (H3 & H4) in harness under Cushion D Tape.
3. Route H3 and H4 harness as shown.

KDL-40S3000 ONLY

H4 BOARD



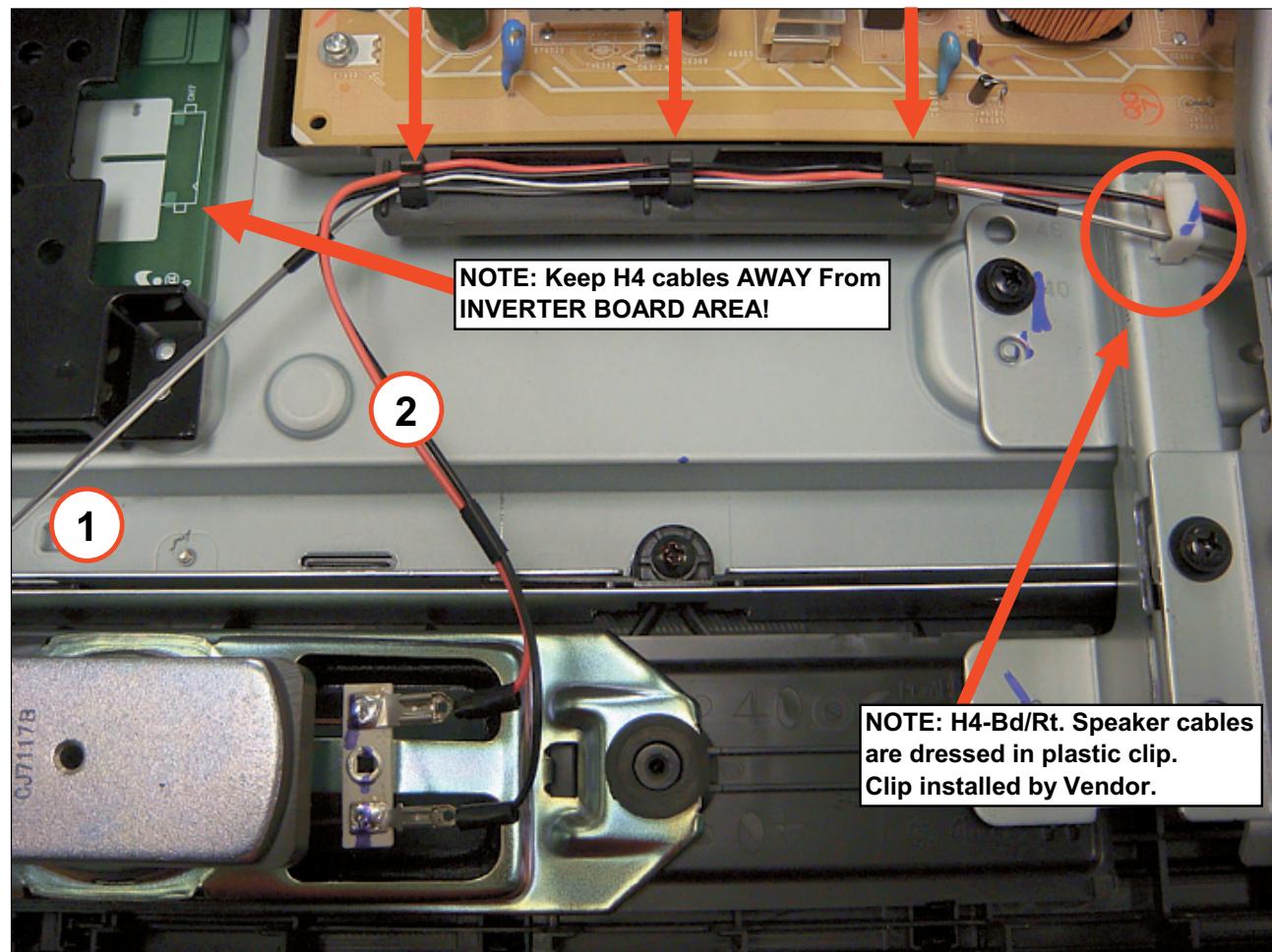
OPERATION PROCESS

1. H4-Bd should be installed BEFORE the speaker/baffles are installed
2. Be careful to align Plastic clip at left side of bezel with notch in PWB.
3. PRESS FIRMLY on PWB next to clip to seat H4-Bd. DO NOT USE Excessive force. PWB or clip WILL BREAK!

Tape H4 wires to Bottom of panel edge.

KDL-40S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



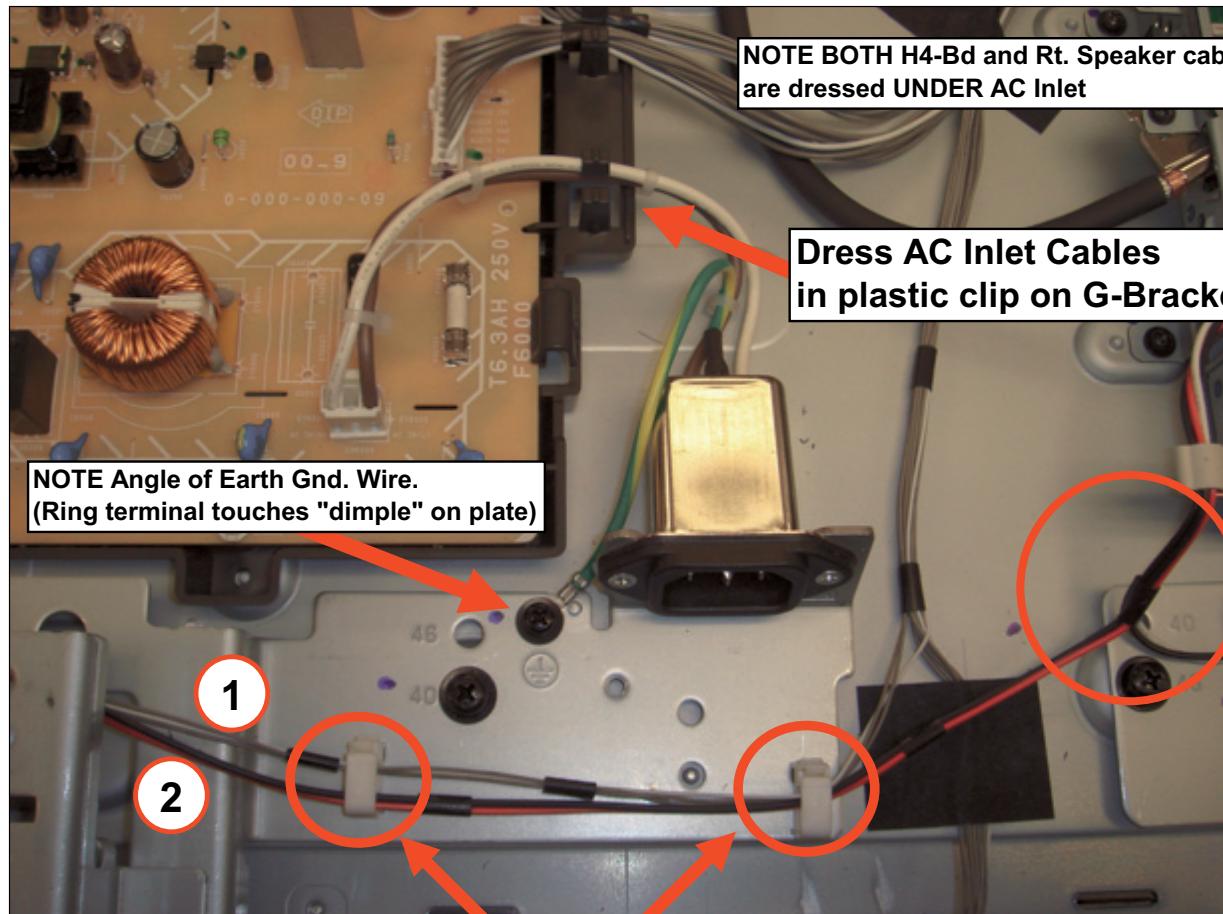
OPERATION PROCESS

Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clips (black).

NOTE: ALL Wires are dressed in far left G-Bracket clip!

KDL-40S3000 ONLY

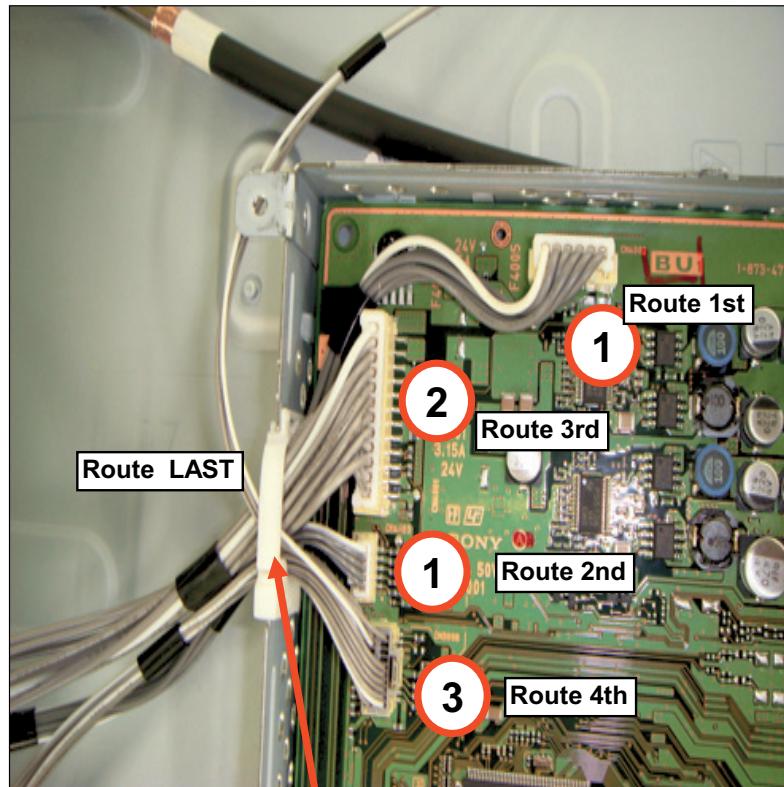
H4 BOARD AND RIGHT SPEAKER (CONTINUED)



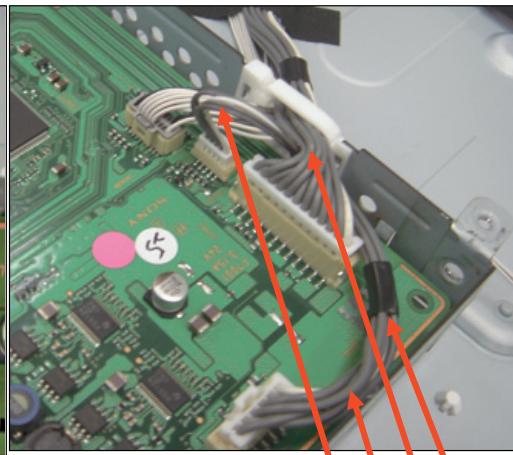
OPERATION PROCESS
<ol style="list-style-type: none"> 1. Dress H4/Rt. Speaker cables in white side clips. 2. Dress AC Inlet Cables in Plastic clip on the G-Bracket as shown. <p>Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)</p>

KDL-40S3000 ONLY

CORE BLOCK HARNESS



NOTE order and direction of cables!



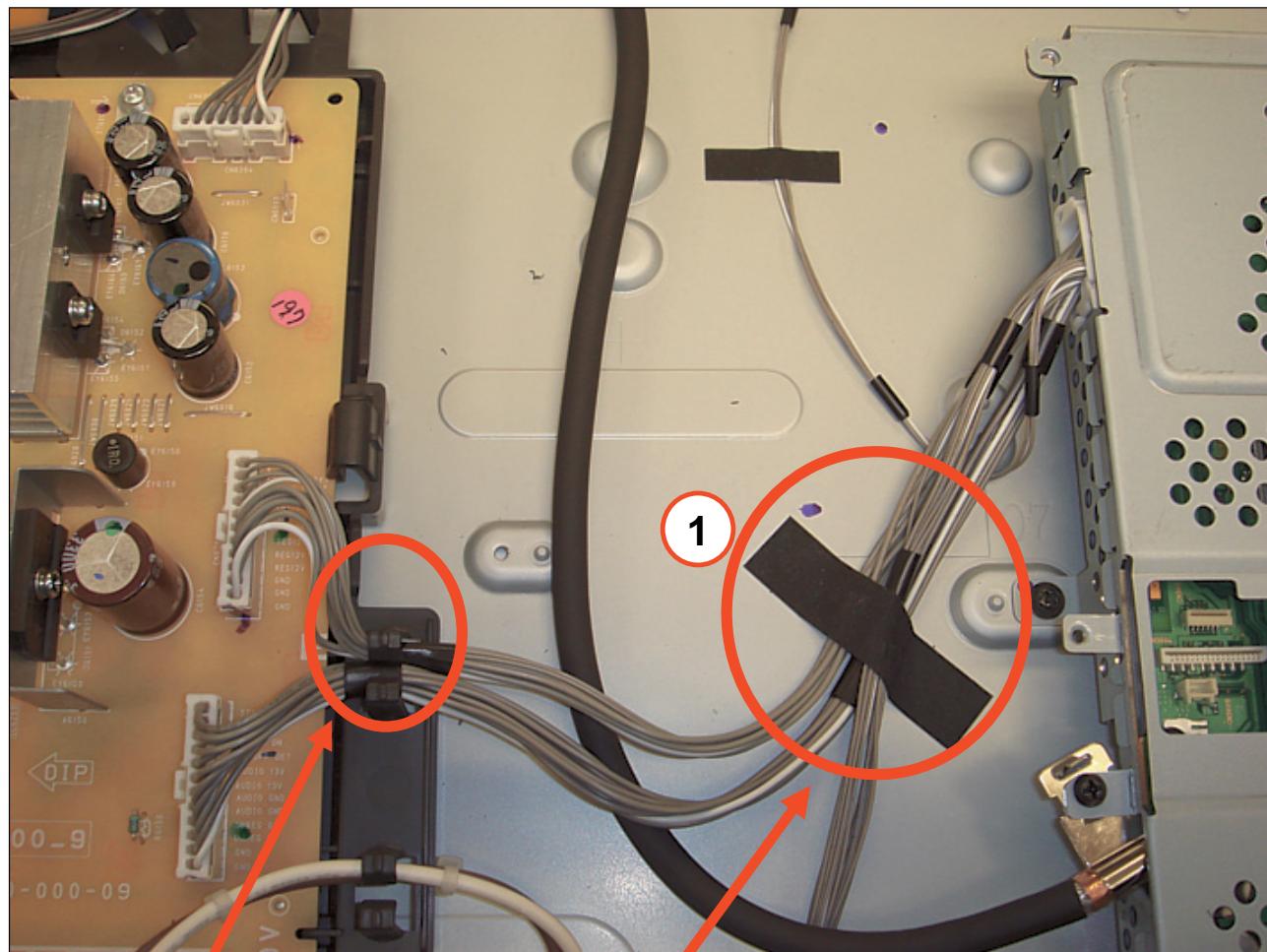
OPERATION PROCESS

Route/Dress Harnesses connected to Core Block as Shown

NOTE Order & Direction of Cables in plastic Clip on Shield Case.

KDL-40S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)



Dress G3-Bd Cables in G-Bracket Clip

Apply Sheet Core C to dress cables.

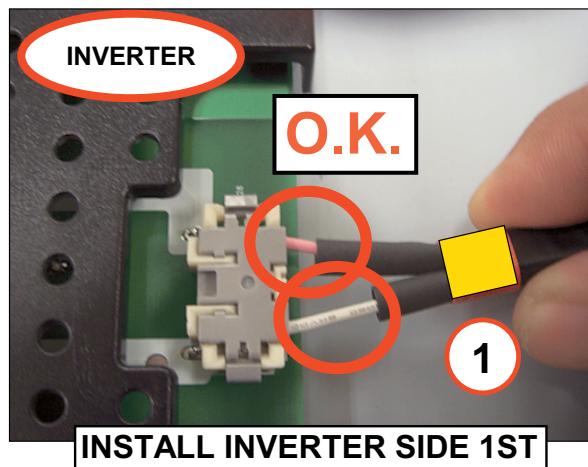
OPERATION PROCESS

Route/Dress Core-Block cables as shown

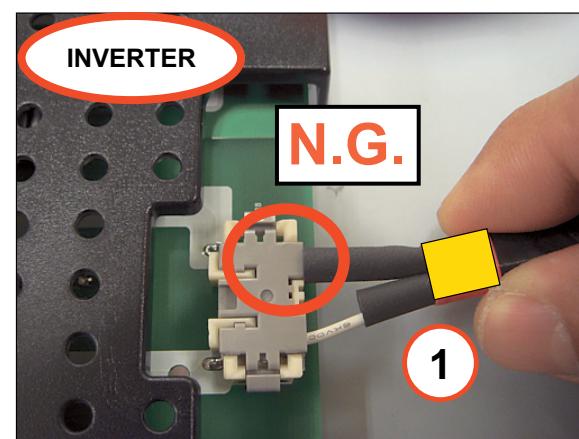
Put Attention on the position of Sheet
Core C and the routing of the cables
between G3-Bd and Core Block.

KDL-40S3000 ONLY

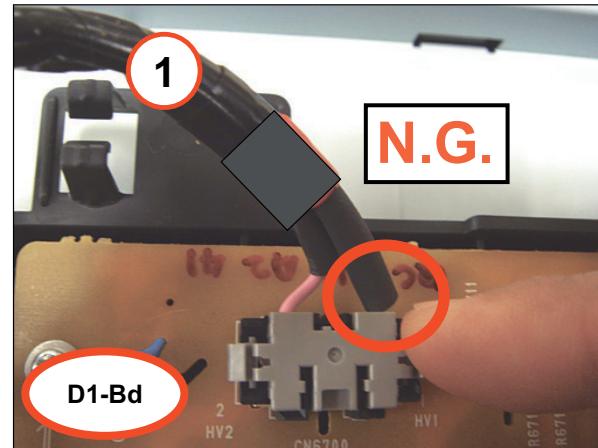
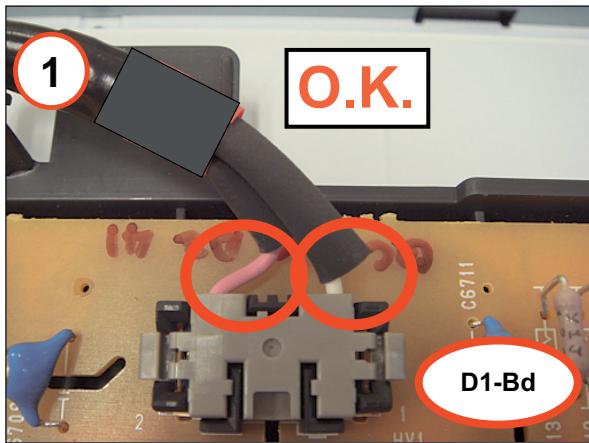
INVERTER BOARD AND D1 BOARD



INSTALL INVERTER SIDE 1ST

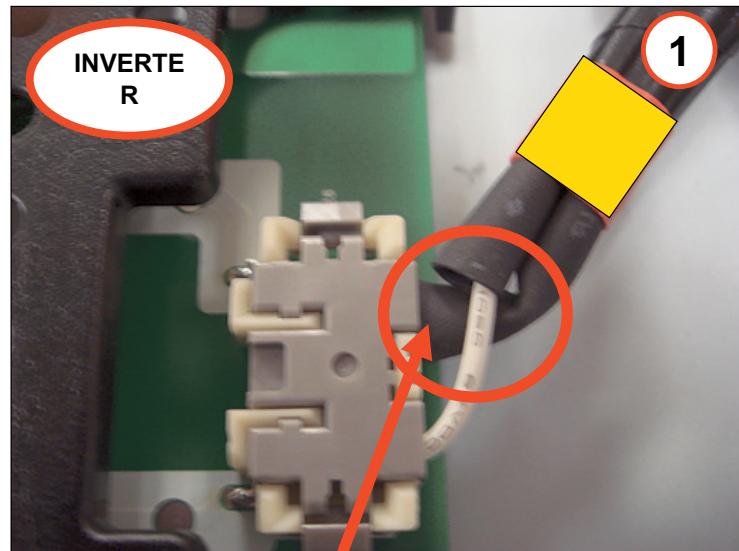


OPERATION PROCESS
<p>CAUTION MAKE SURE BLACK INSULATION TUBING DOES NOT TOUCH CONN <u>BEFORE</u> <u>INSTALLING</u> 2P MD CONN.</p> <p>AFTER <u>INSTALLING</u> CONNECTOR, TUBE INSULATION CAN TOUCH CONNECTOR!</p>



KDL-40S3000 ONLY

INVERTER BOARD AND D1 BOARD (CONTINUED)



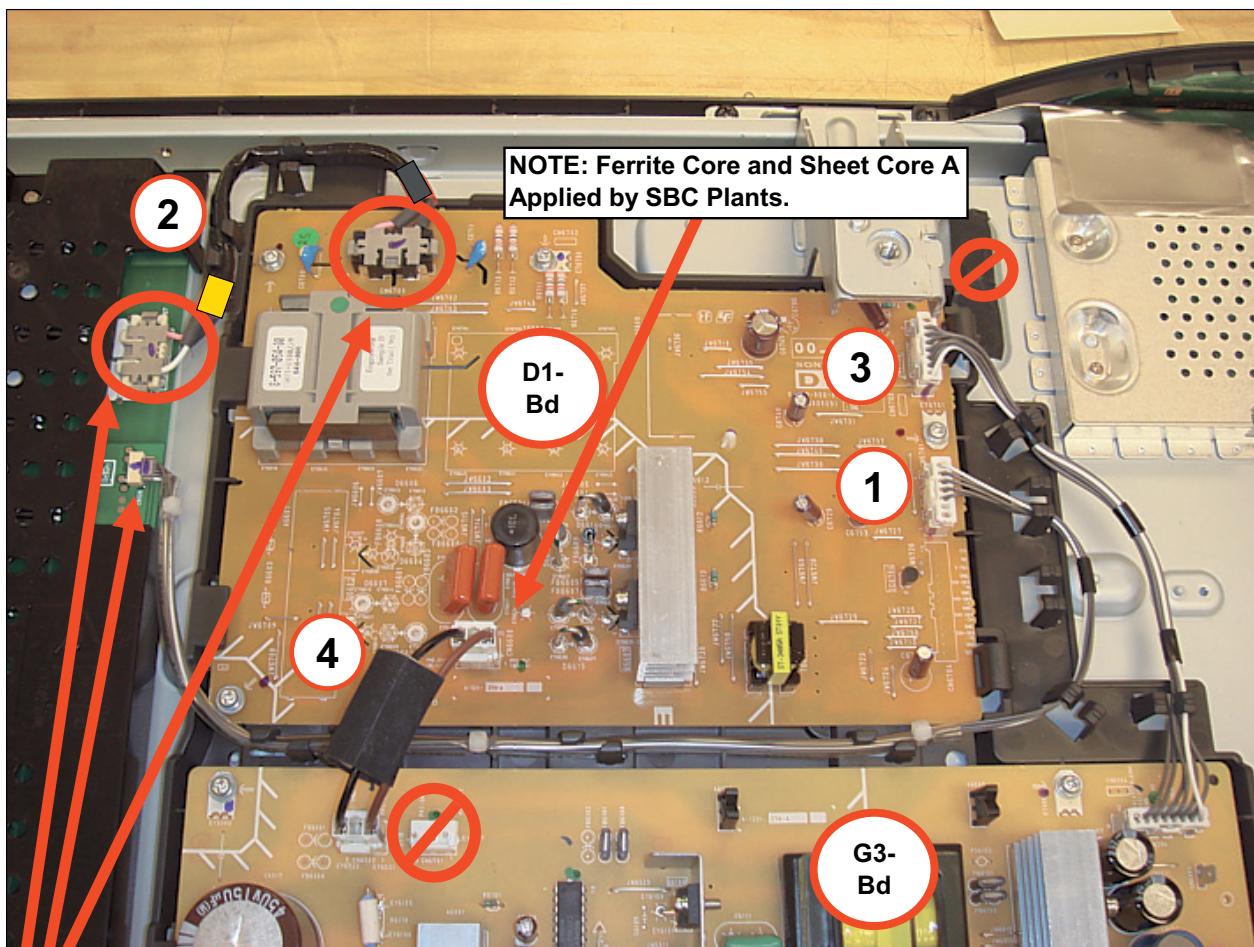
CAUTION: Make Sure
Inverter Connector DOES NOT
CROSS WHITE/PINK WIRES!

**CHECK BOTH SIDES OF HARNESS!
(INVERTER CONN / D1-Bd CONN)**

OPERATION PROCESS
CAUTION: MAKE SURE WHITE/PINK WIRES DO NOT CROSS CHECK INVERTER SIDE WIRES CHECK D1-Bd SIDE WIRES

KDL-40S3000 ONLY

G3 BOARD AND D1 BOARD



CAUTION: Make Sure
Inverter Connector is Fully LOCKED!

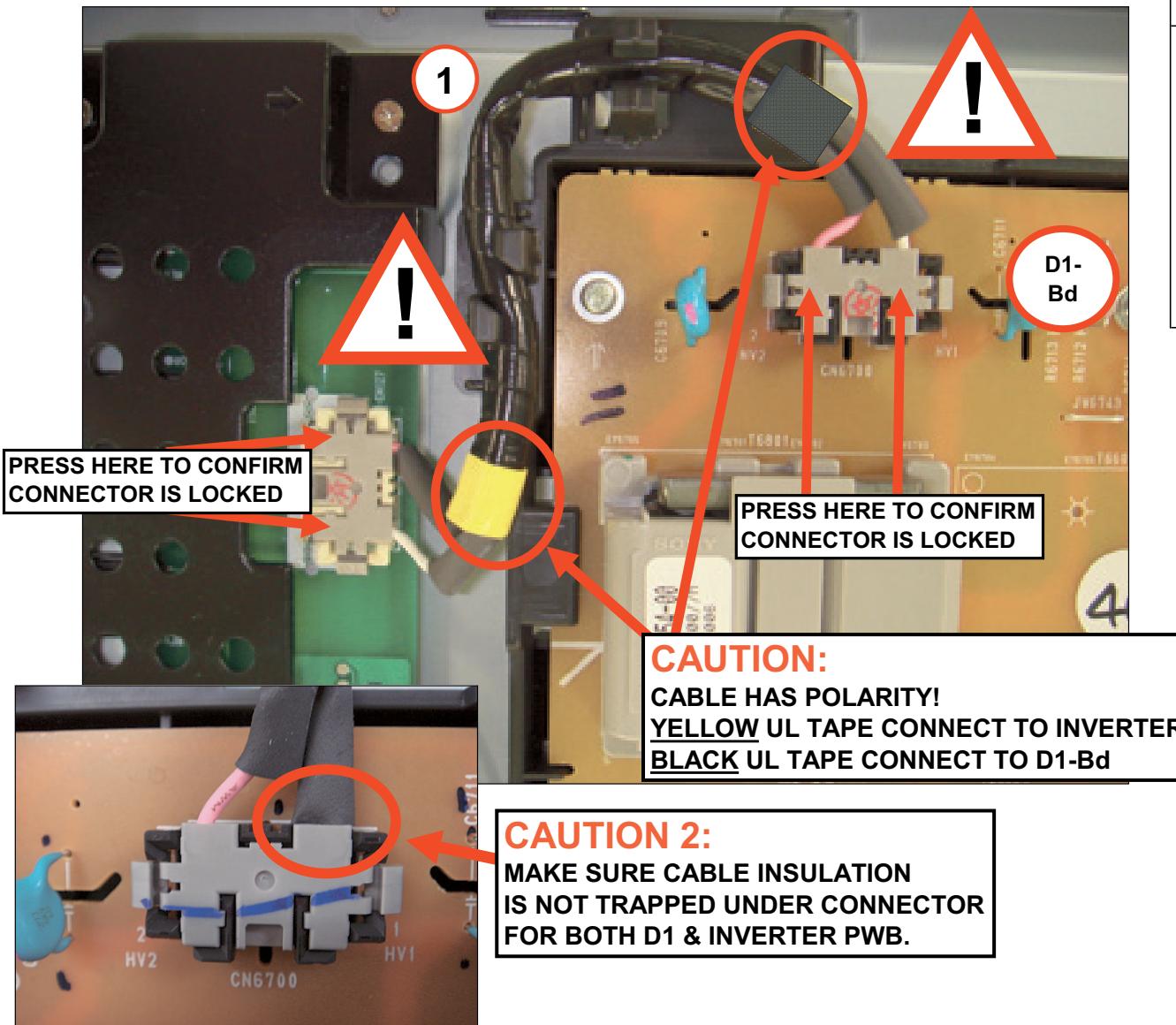
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

CAUTION: Make sure INVERTER CONN.
is Fully LOCKED!!

KDL-40S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION



OPERATION PROCESS

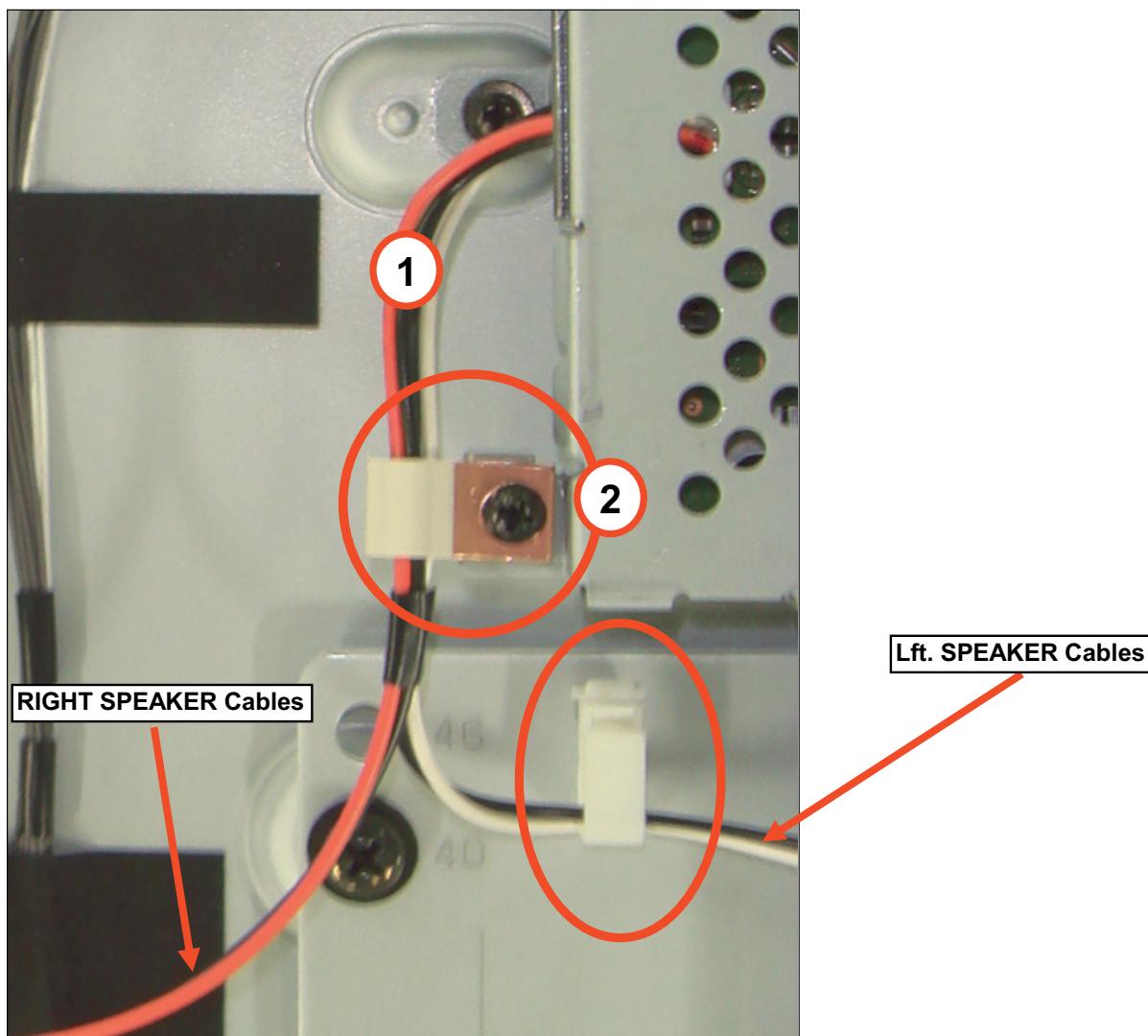
MAKE SURE COLOR of UL tape is the correct color (YELLOW) for harness. Confirm wires are dressed properly in clips.

Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).

MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-40S3000 ONLY

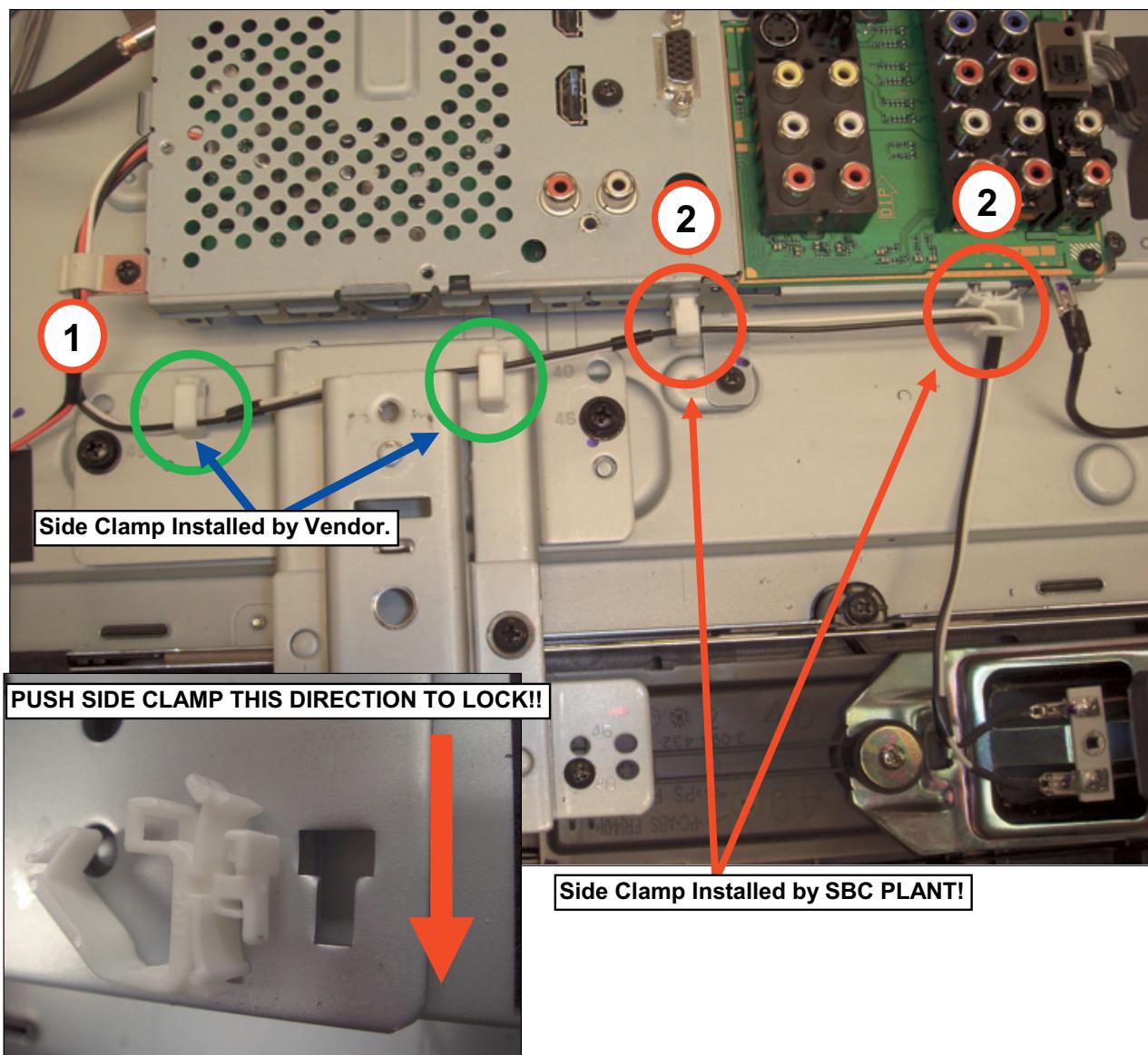
SPEAKER CABLES



OPERATION PROCESS
1. Wire Dress Speaker Cables as shown. Lft. Speaker cable is dressed in side clamp (white plastic).
2. BOTH R/L cables are dressed in FGC-3 conductive clip.
TORQUE SPECIFICATION
TORQUE: 6kg.cm (+-1.0kg.cm)

KDL-40S3000 ONLY

LEFT SPEAKER HARNESS

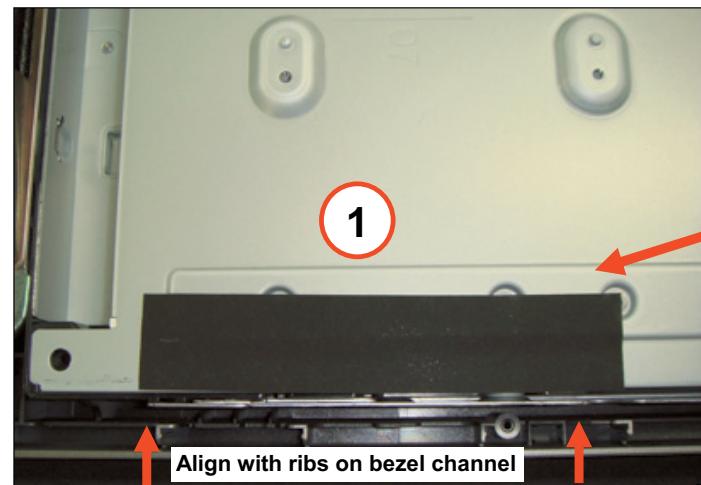


OPERATION PROCESS

Dress LEFT speaker harness as shown

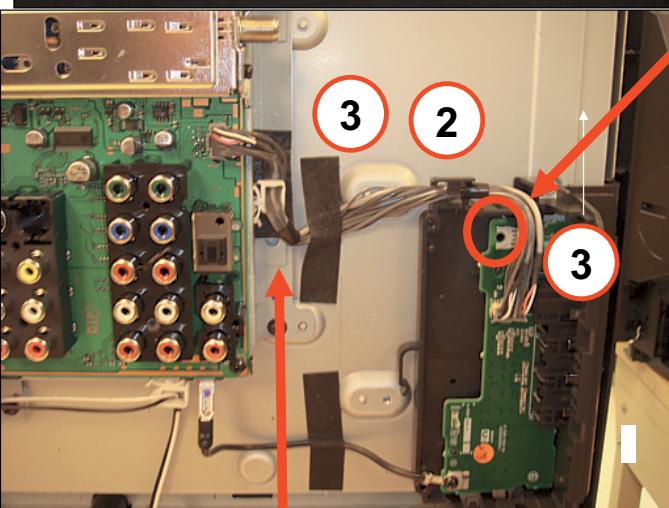
KDL-40S3000 ONLY

U1 BOARD



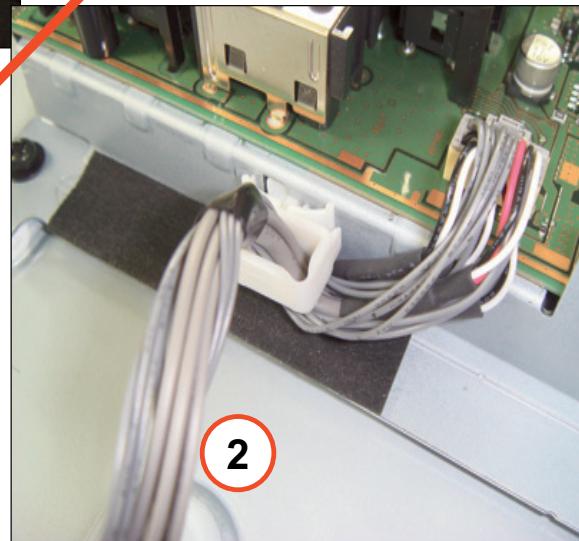
Align with center of circles on panel rib.

3/4/2007 LATE CHANGE:
ADD 3x12mm Screw in this hole!



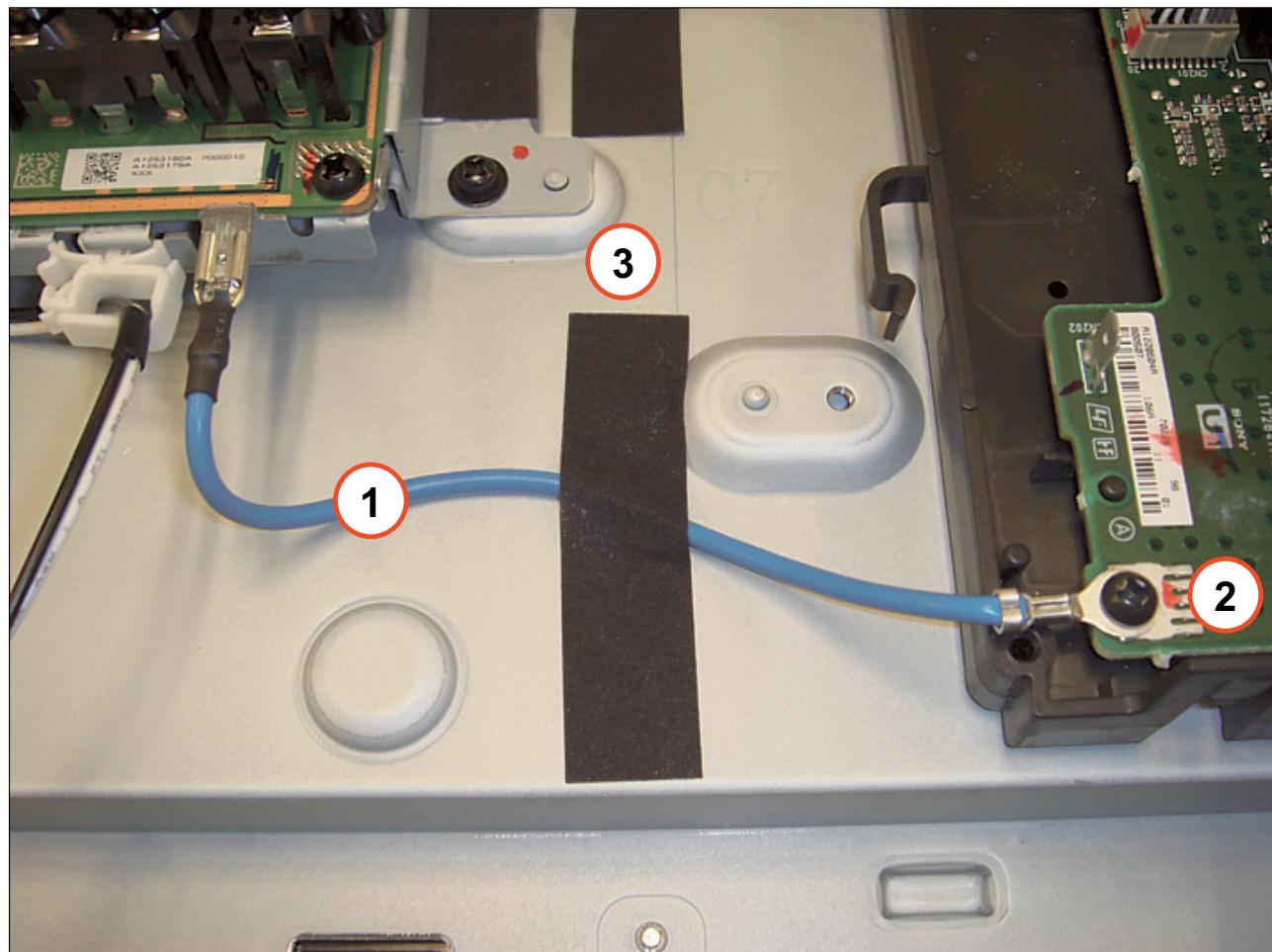
Check Sheet Core C is installed along edge of DTT shield and start of straight edge of DTT shield.
[INSTALLED BY VENDOR]

OPERATION PROCESS
1. Apply Sheet Core A to Panel in location where U2 bracket is to be installed (Use plastic ribs on bezel as guide)
2. Make sure DTT Shield has Sheet Core C Install Sheet Core C on "dimple" of panel to secure cables to panel.
3. Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on DTT Shield!



KDL-40S3000 ONLY

U1 BOARD (CONTINUED)



OPERATION PROCESS

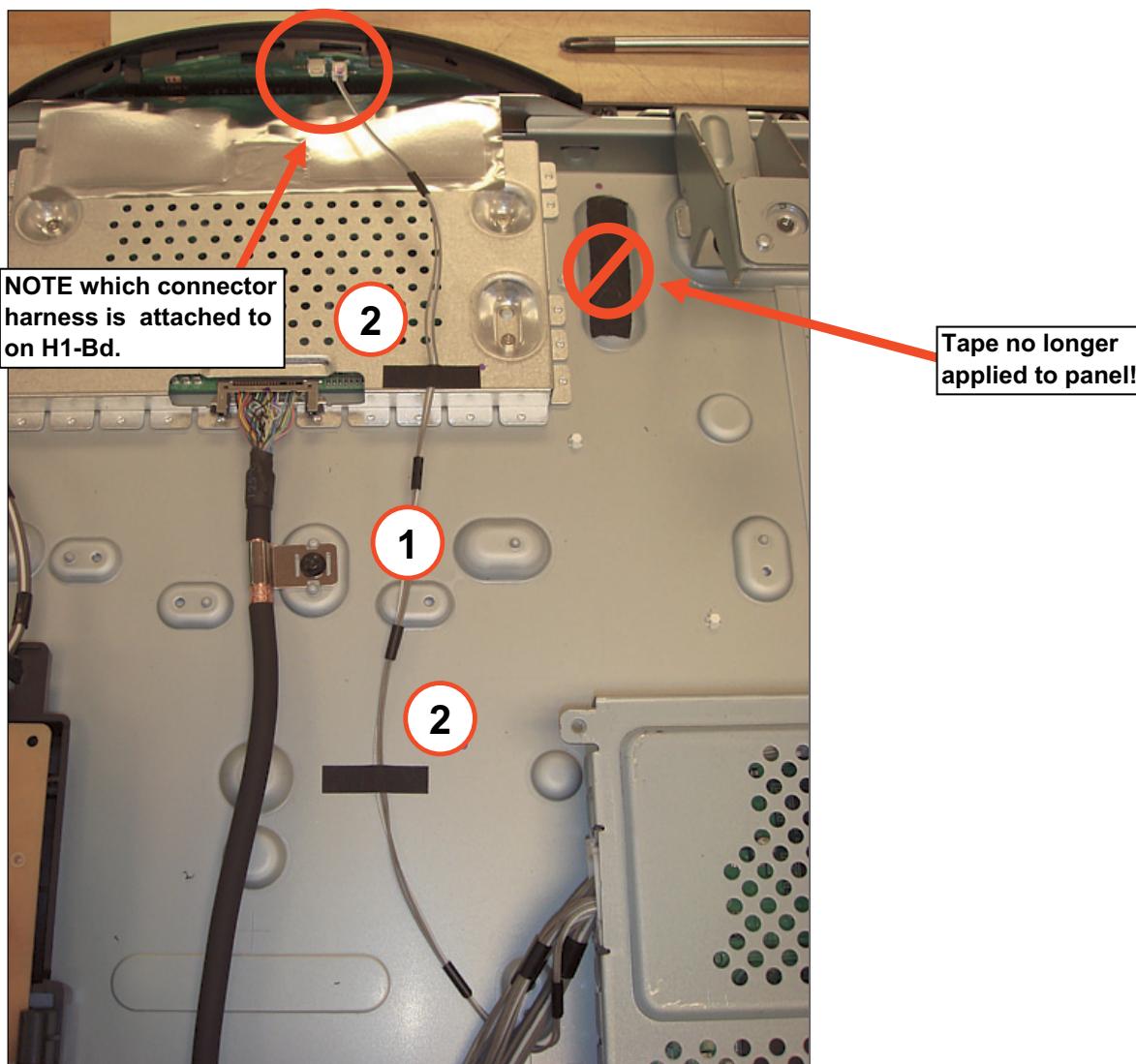
1. Wire route ESD GND wire as shown
(NOTE: Actual Part will have BLUE insulation)
2. Use 3x12mm screw to fix ring terminal in
U1 Bracket
3. Apply Sheet Core C to hold cable on panel.
Use Bottom of "score line" and "Dimple"
on panel as guide for aligning tape.

TORQUE SPECIFICATION

3mm TORQUE: 6.0kg-cm (+1.0kg-cm)

KDL-40S3000 ONLY

H1 BOARD

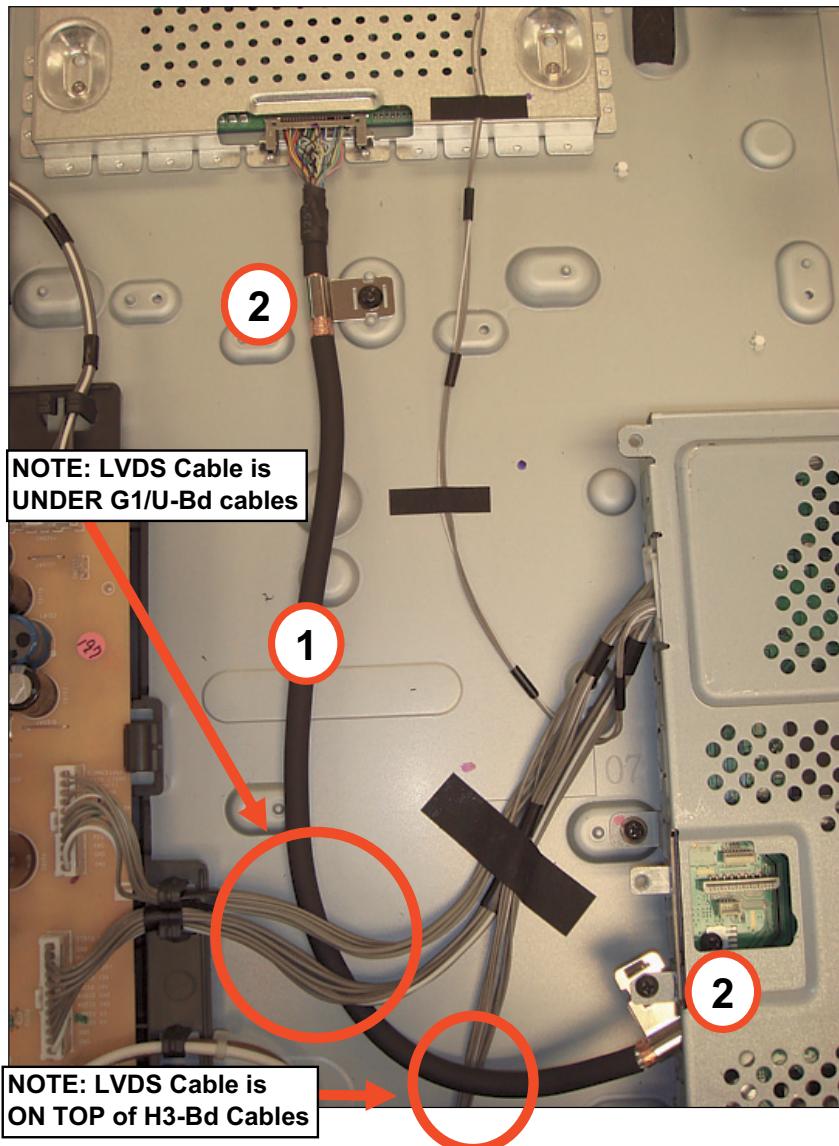


OPERATION PROCESS

1. Dress/Route H1-Bd harness as shown on photo.
2. NOTE: Put attention on SLACK of cable.
Between Connector on H1 and tape there is slack in wire.
Between tapes there is a little slack.
Between tape/DTT Shield there is slack.

KDL-40S3000 ONLY

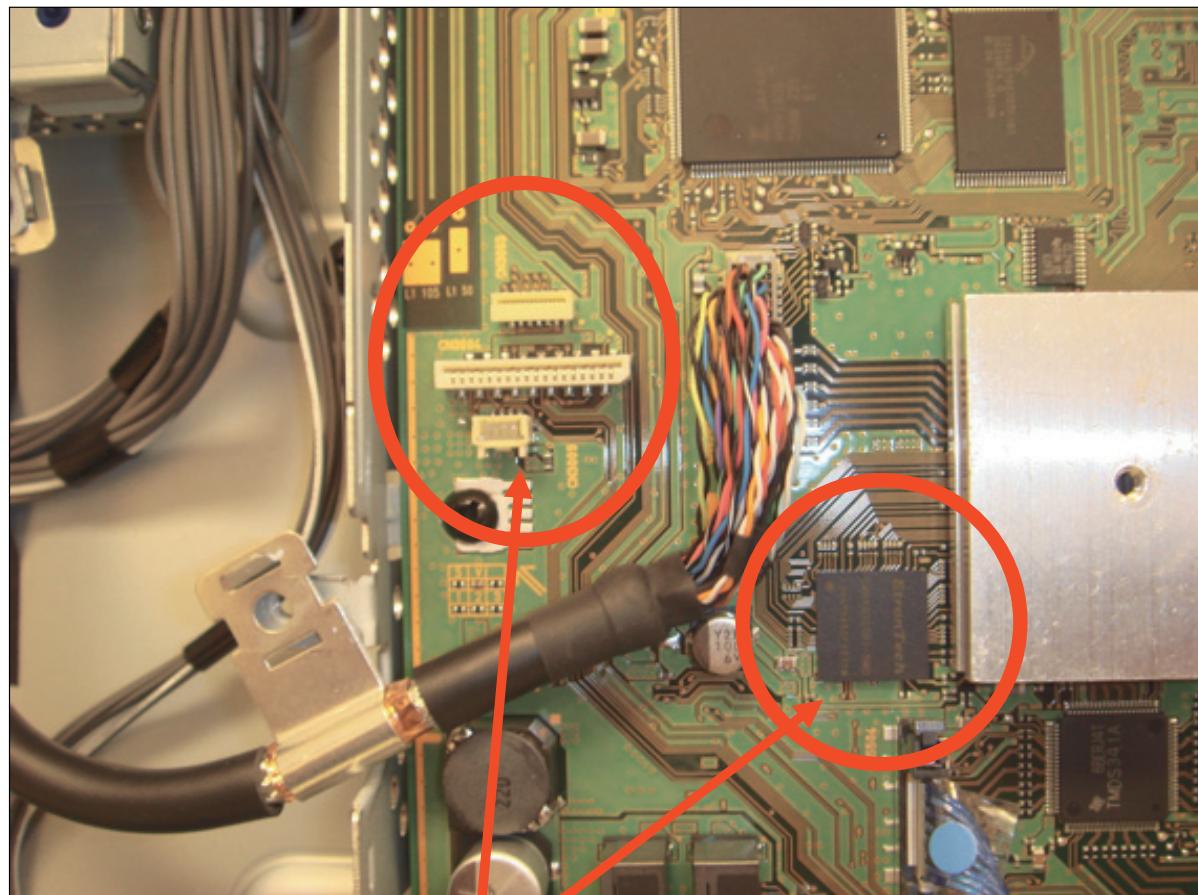
LVDS CABLE



OPERATION PROCESS
<ol style="list-style-type: none"> 1. Route 40P LVDS Cable between BU-Bd and TCON as shown. 2. Apply 3x8mm Screw (2-places) to ground LVDS cable. <p>G1 to BU cables are on TOP of LVDS. H3-Bd cables are UNDER LVDS.</p>
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm

KDL-40S3000 ONLY

LVDS CABLE (CONTINUED)



CAUTION: Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

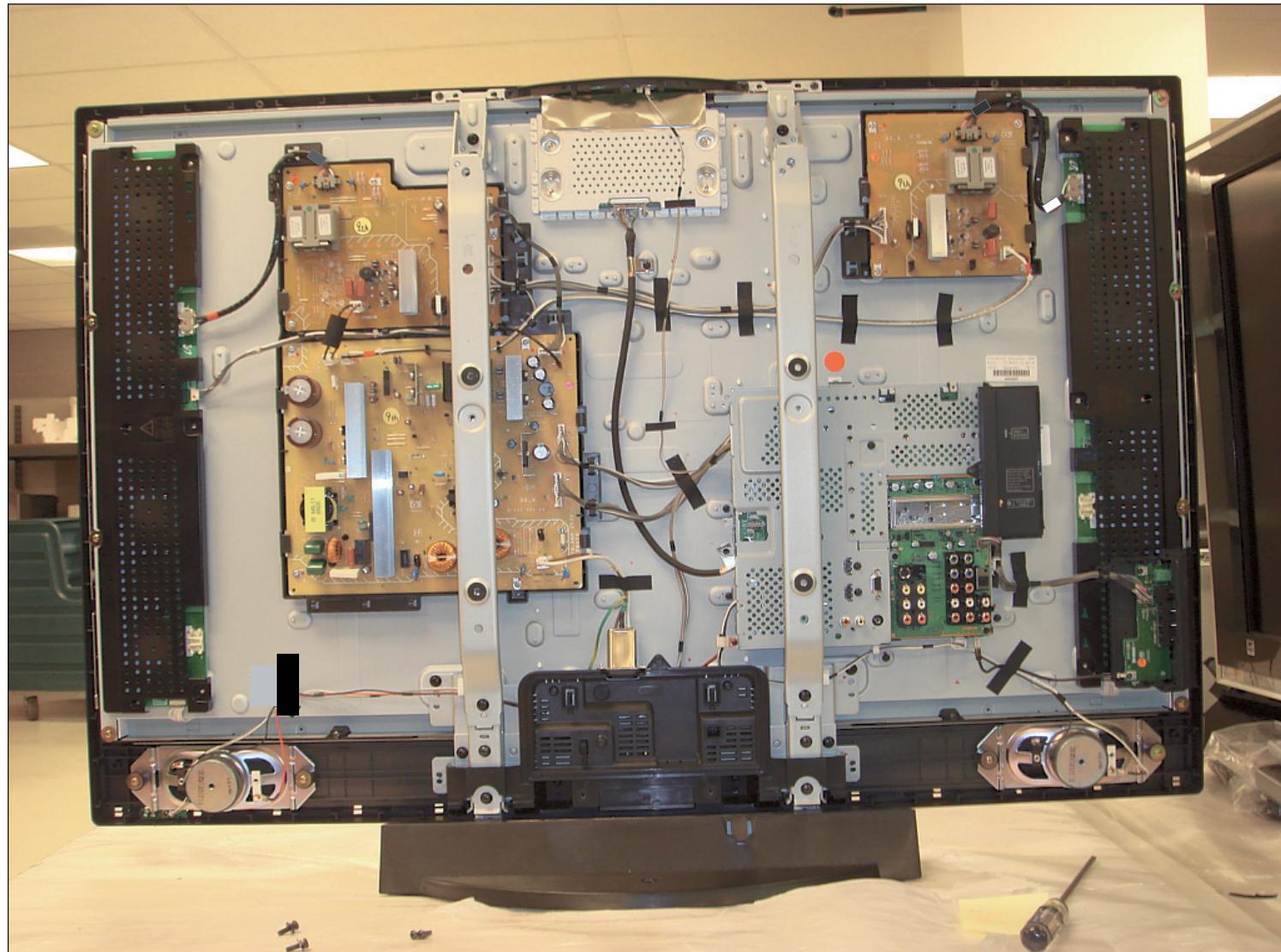
OPERATION PROCESS

Route LVDS Harness from BU-Board (CN4500) as shown.

CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

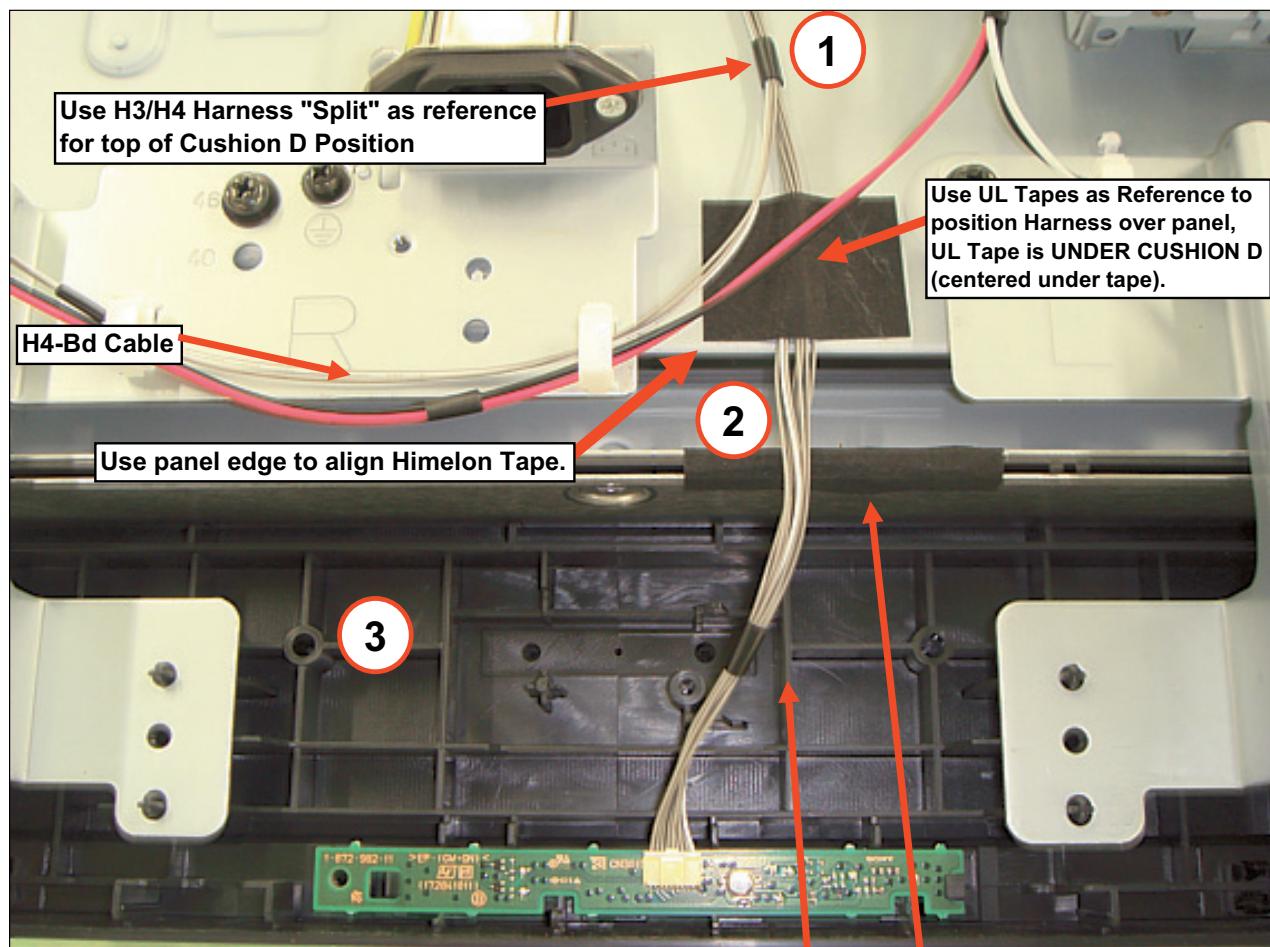
KDL-46S3000 ONLY

OVERALL VIEW



KDL-46S3000 ONLY

H3 BOARD HARNESS



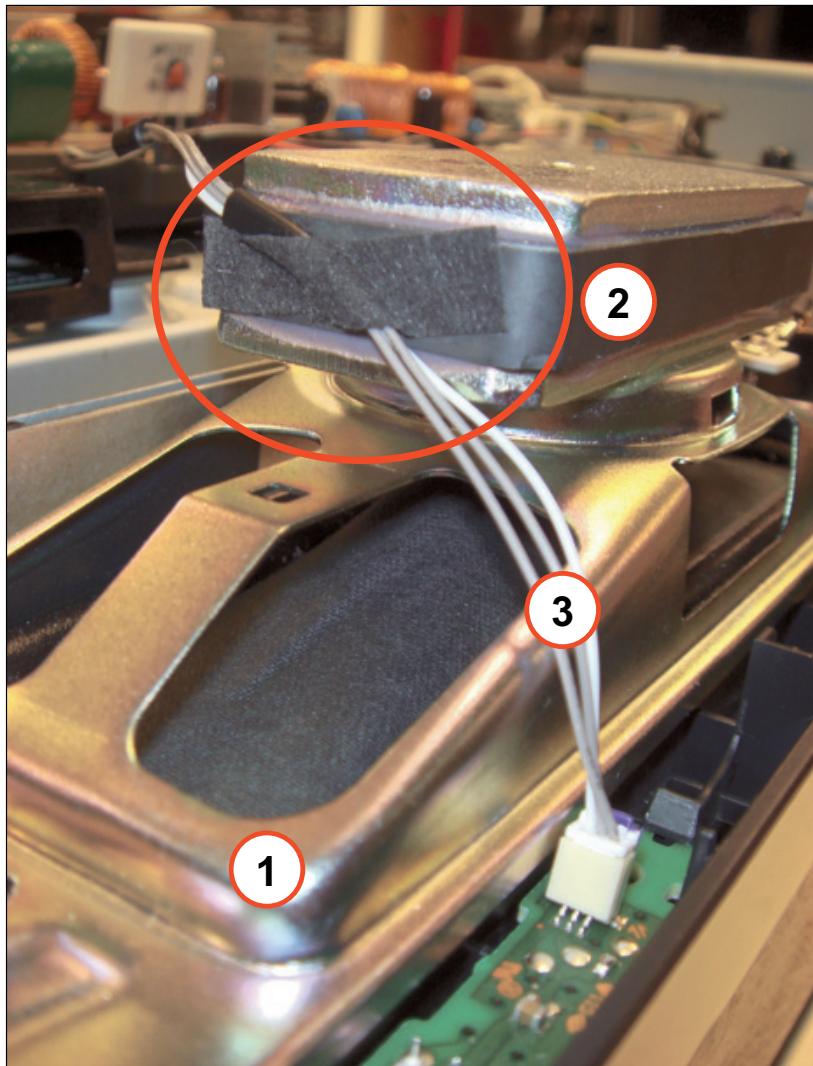
Use rib on bezel as reference to center Sheet Core C when applying to panel edge.

OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
Use rib on bezel (w/o screw boss) as a guide to center tape.
2. Apply Cushion D to hold H3 Cables.
Use Edge of panel to align tape.
3. Dress H4 Cables and Rt Speaker cables in Side Clamp on Lower LCD Bracket.

KDL-46S3000 ONLY

H4 BOARD



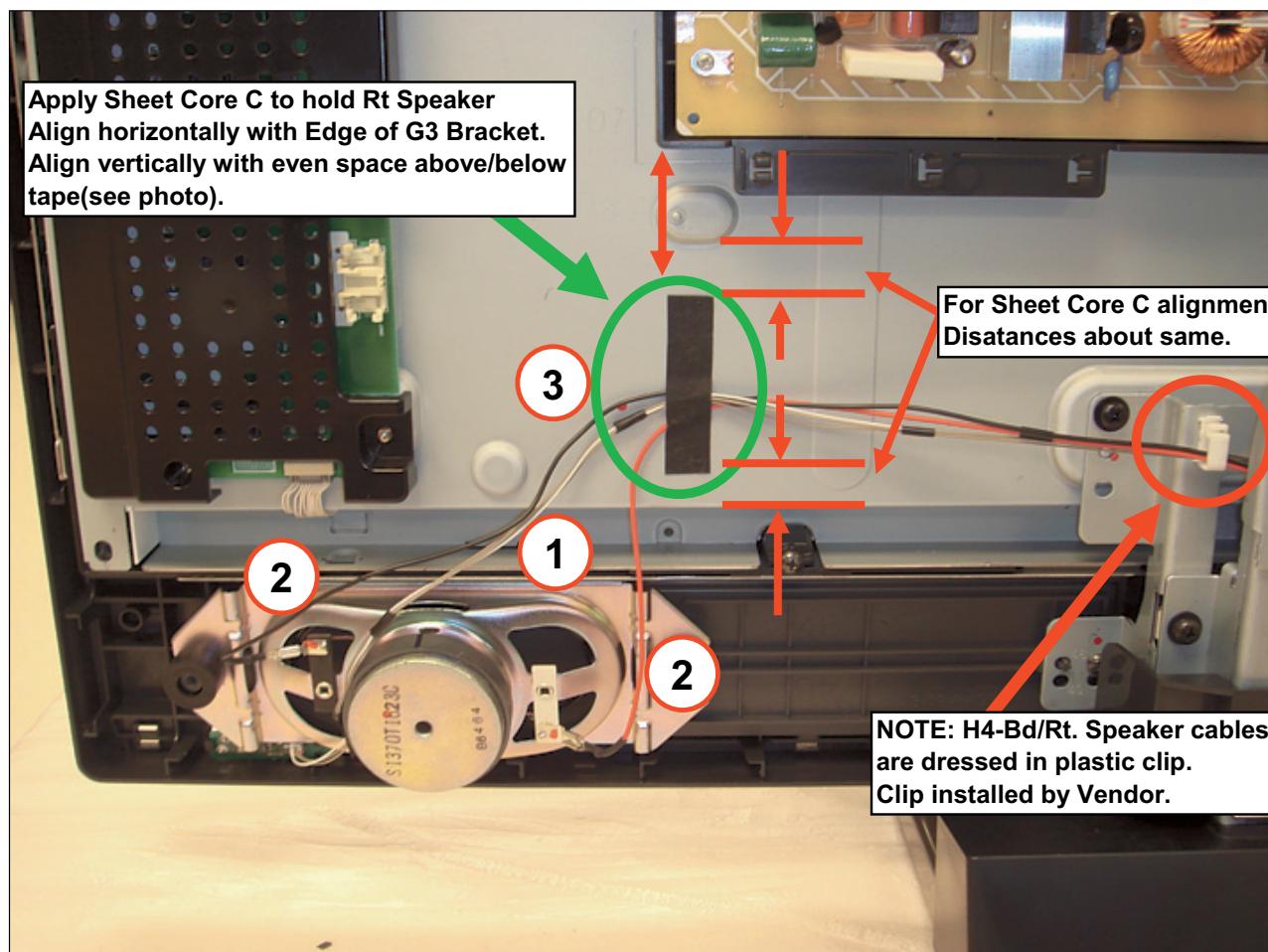
OPERATION PROCESS

1. H4-Bd should be installed BEFORE the speaker/baffles are installed
2. Be careful to align Plastic clip at left side of bezel with notch in PWB.
3. PRESS FIRMLY on PWB next to clip to seat H4-Bd. DO NOT USE Excessive force. PWB or clip WILL BREAK!

Tape H4 wires to Bottom of panel edge.

KDL-46S3000 ONLY

H4 BOARD AND RIGHT SPEAKER



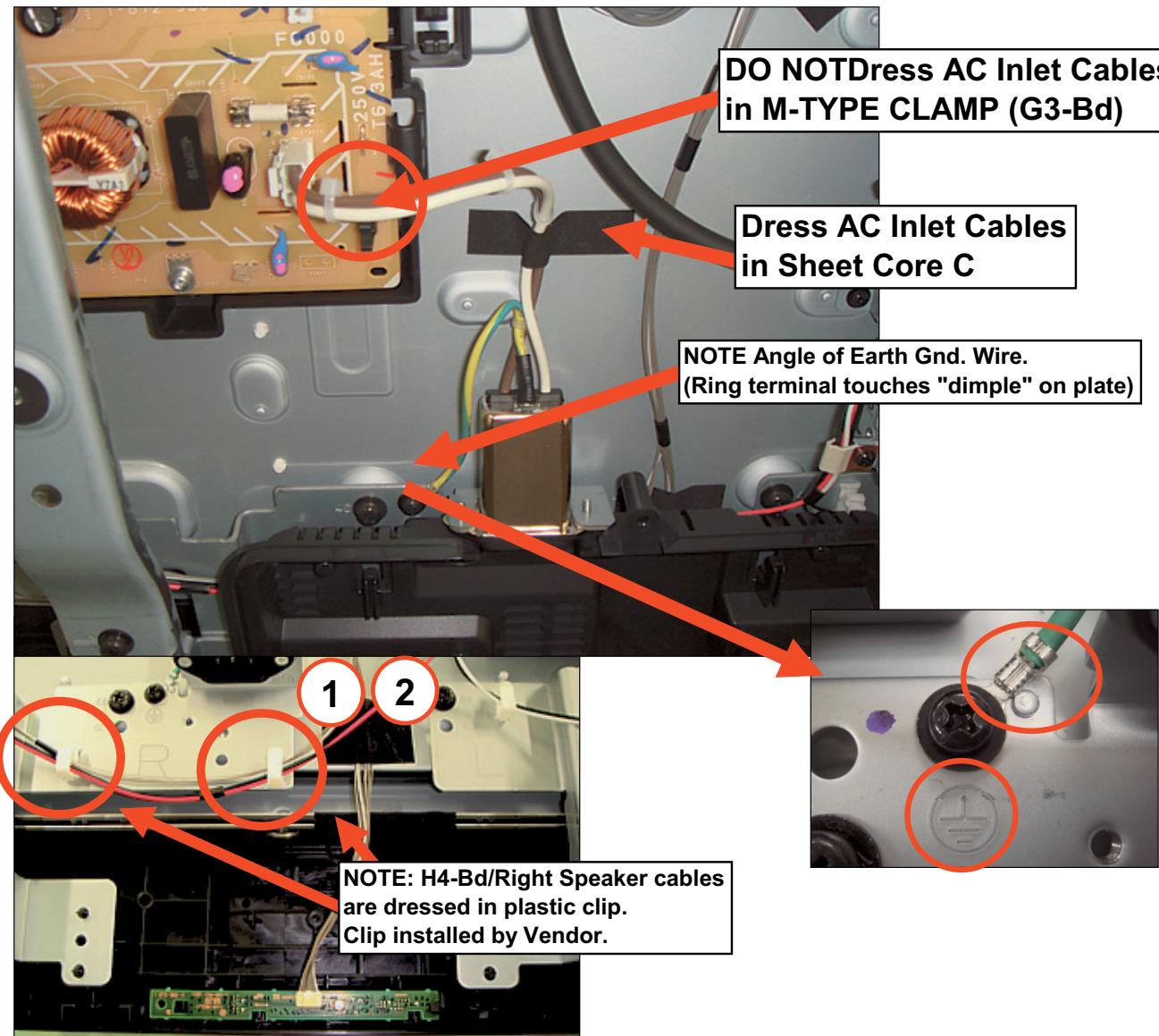
OPERATION PROCESS

Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clips (black).

NOTE: Rt. Spkr. Wires are NOT dressed in far left G-Bracket clip!

KDL-46S3000 ONLY

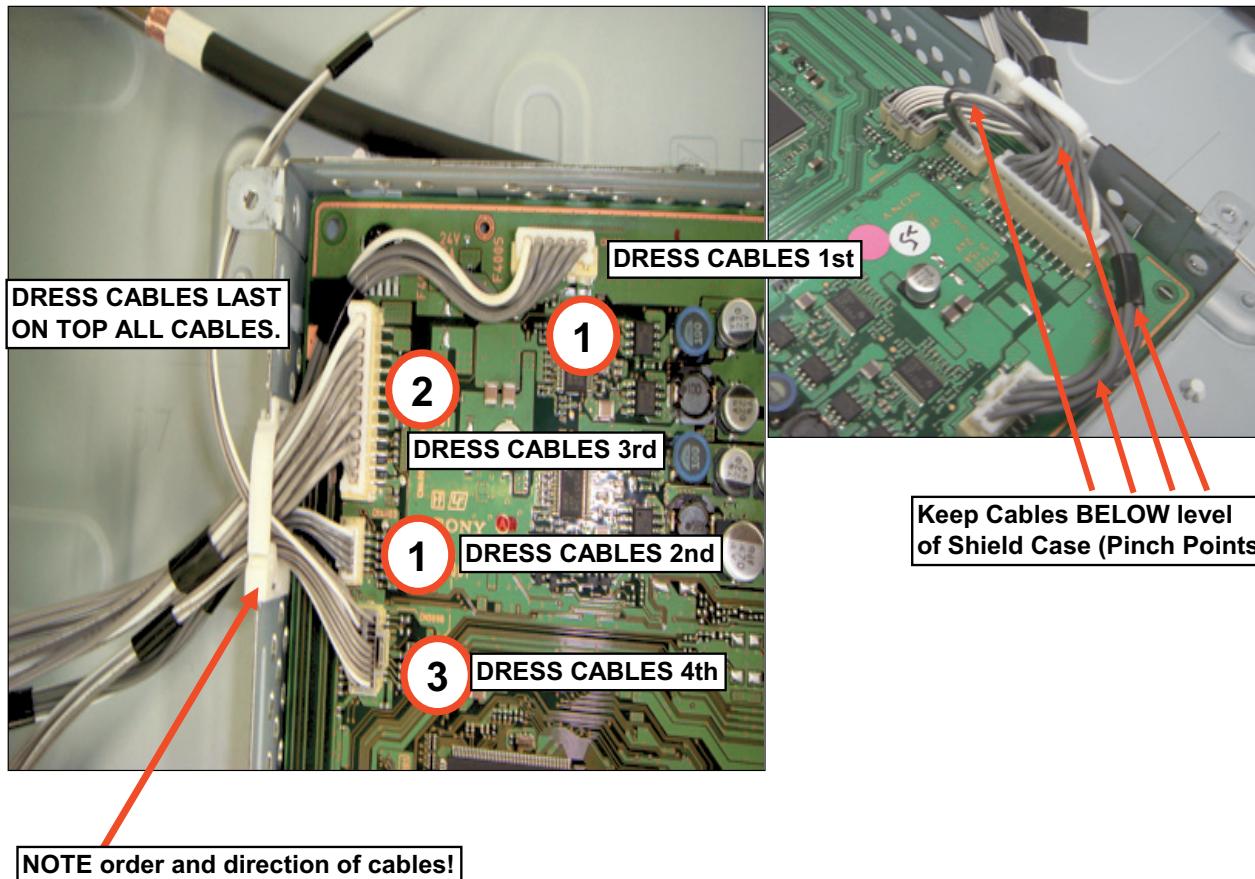
H4 BOARD AND RIGHT SPEAKER (CONTINUED)



OPERATION PROCESS
Dress H4/Rt. Speaker cables in white side clips.
Dress AC Inlet Cables in Plastic clip on the G-Bracket as shown.
Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-46S3000 ONLY

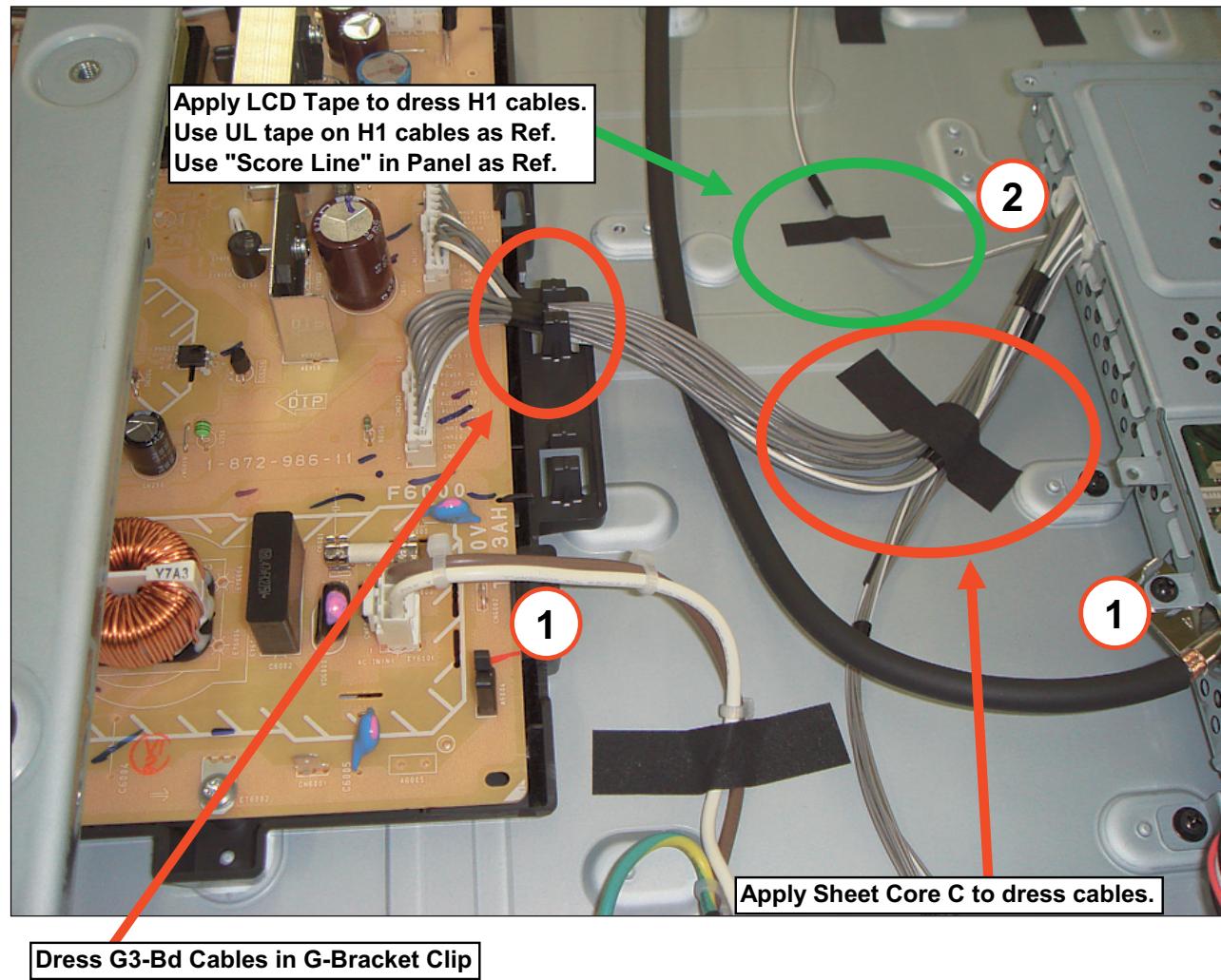
CORE BLOCK HARNESS



OPERATION PROCESS
<p>Route/Dress Harnesses connected to Core Block as Shown</p> <p>NOTE Order & Direction of Cables in plastic Clip on Shield Case.</p>

KDL-46S3000 ONLY

CORE BLOCK HARNESS (CONTINUED)

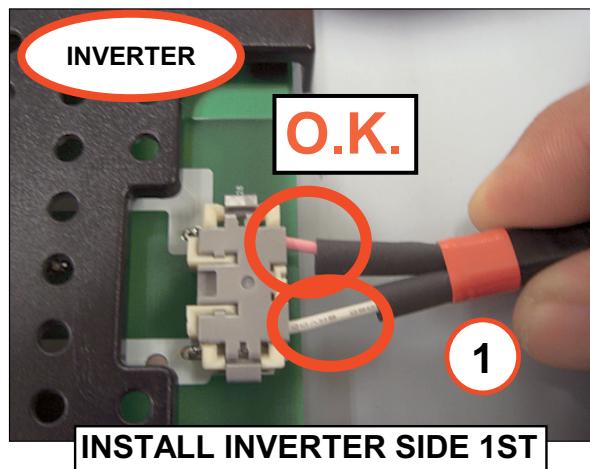


OPERATION PROCESS

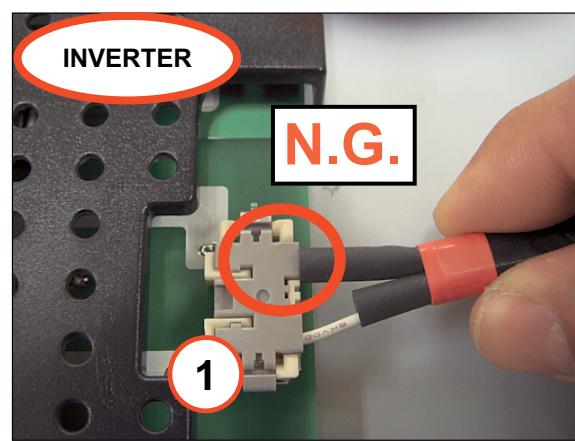
1. Route/Dress Core-Block cables as shown
2. Put Attention on the position of Sheet Core C and the routing of the cables between G3-Bd and Core Block.

KDL-46S3000 ONLY

INVERTER BOARD AND D1 BOARD



INSTALL INVERTER SIDE 1ST

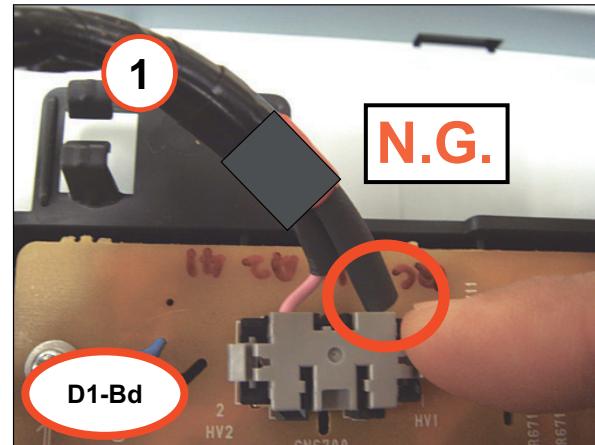
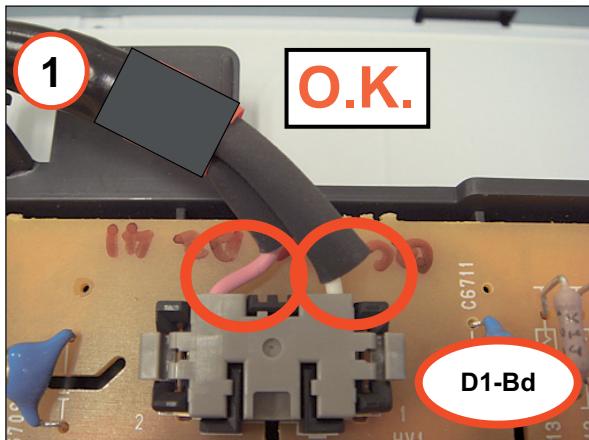


OPERATION PROCESS

CAUTION

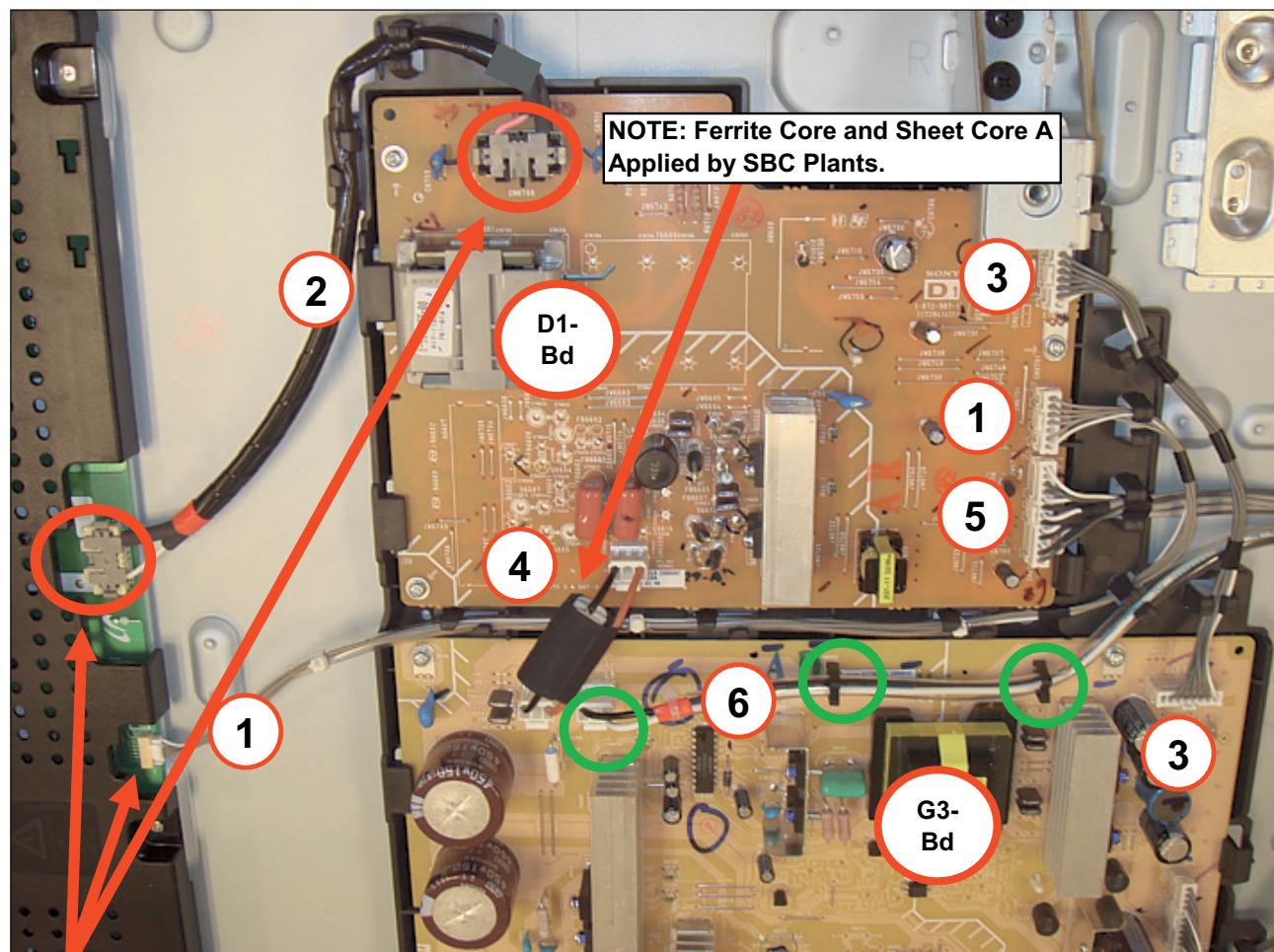
MAKE SURE BLACK INSULATION
TUBING DOES NOT TOUCH CONN
BEFORE INSTALLING 2P MD CONN.

AFTER INSTALLING CONNECTOR, TUBE
INSULATION CAN TOUCH CONNECTOR!



KDL-46S3000 ONLY

G3 BOARD AND D1 BOARD



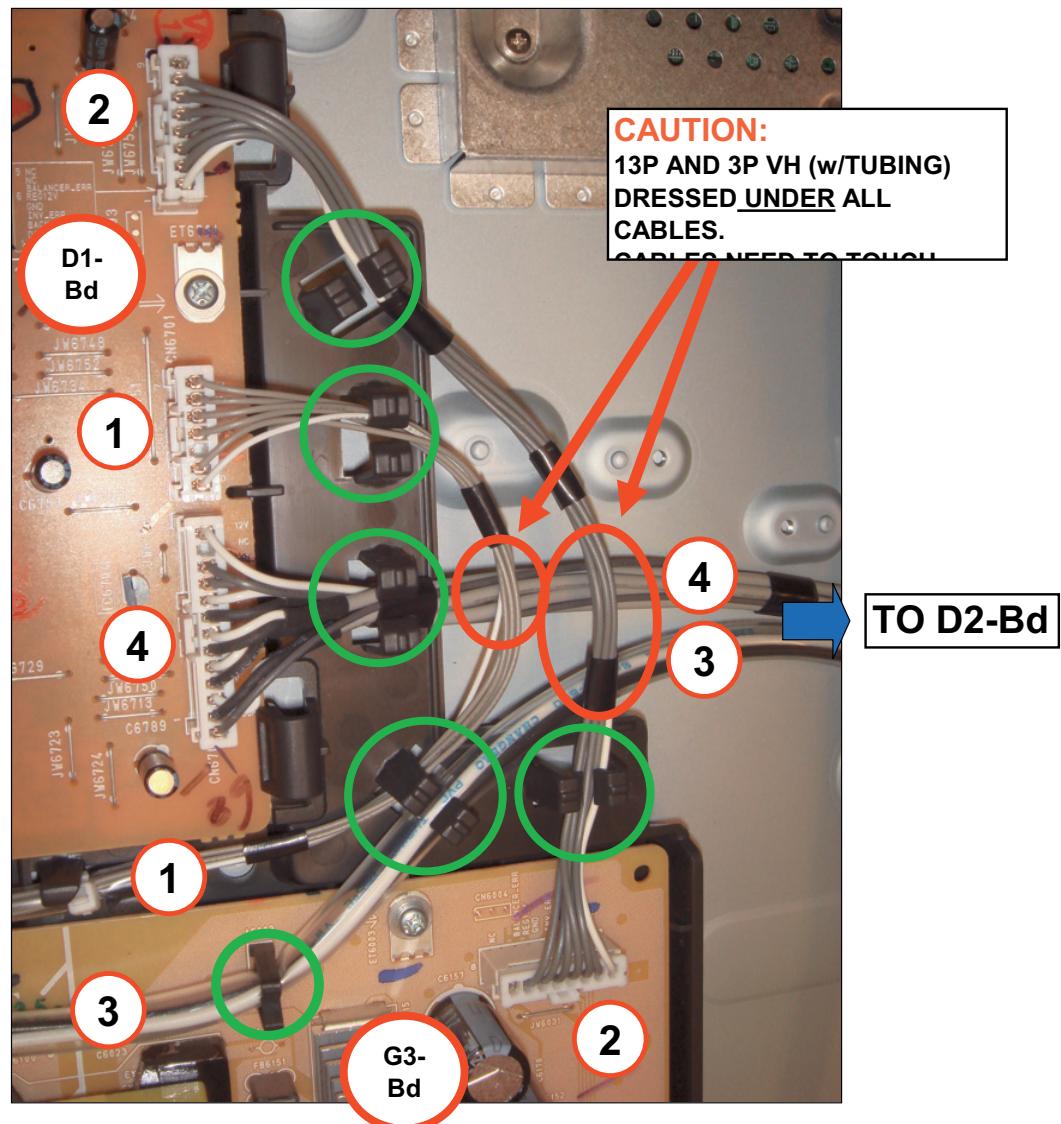
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

CAUTION: Make sure INVERTER CONN.
is Fully LOCKED!!

KDL-46S3000 ONLY

G3 BOARD AND D1 BOARD (CONTINUED)



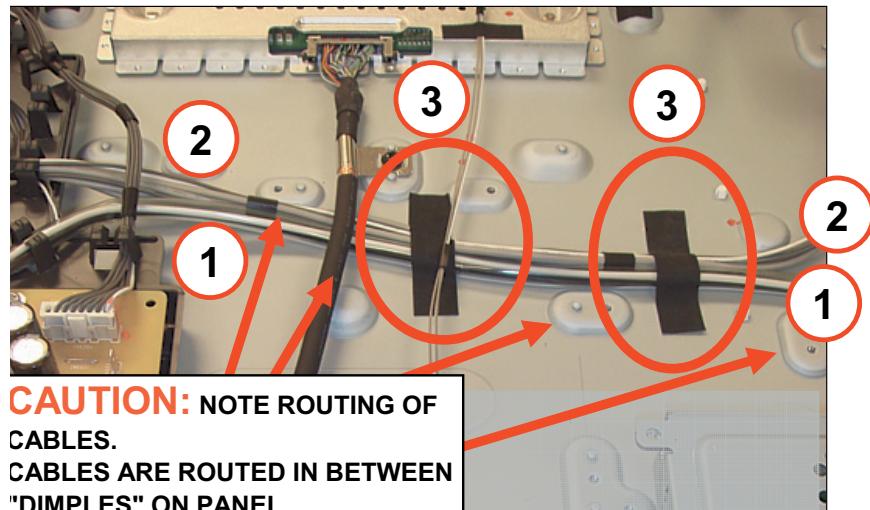
OPERATION PROCESS

Install/Wire Dress Harnesses as shown.

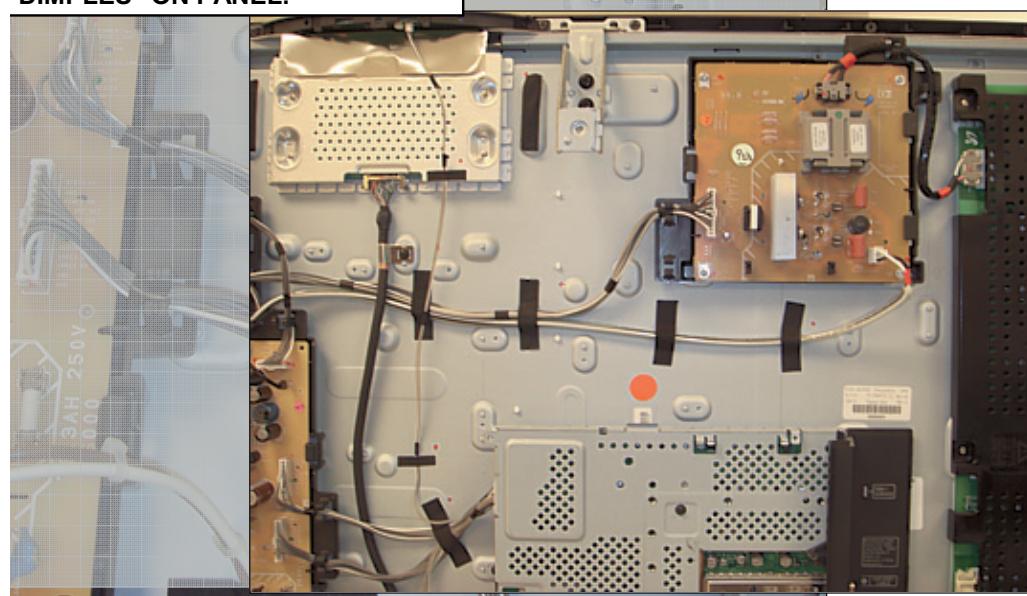
CAUTION: Make sure 13P AND 3P
VH (w/TUBING) IS DRESSED BELOW
ALL HARNESS (NEED TO TOUCH PANEL).

KDL-46S3000 ONLY

G3 BOARD AND D2 BOARD

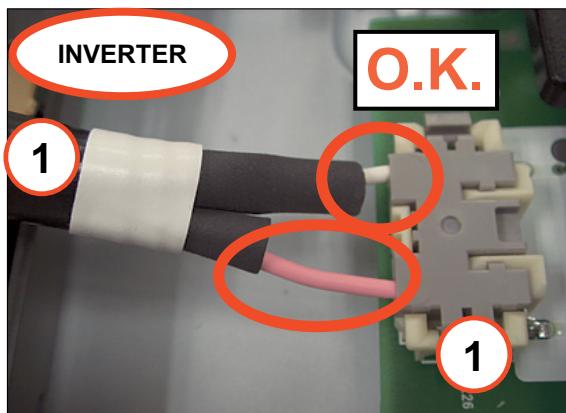


OPERATION PROCESS
1. MAKE SURE COLOR of UL tape is the correct color (RED) for harness. Confirm wires are dressed properly in clips.
2. Dress D2 harness as shown
3. Apply Sheet Core C to 3P VH Conn Assy. As shown.

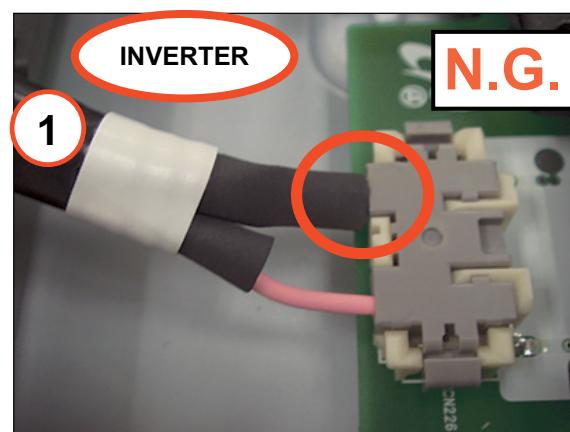


KDL-46S3000 ONLY

INVERTER BOARD AND D2 BOARD



INSTALL INVERTER SIDE 1ST



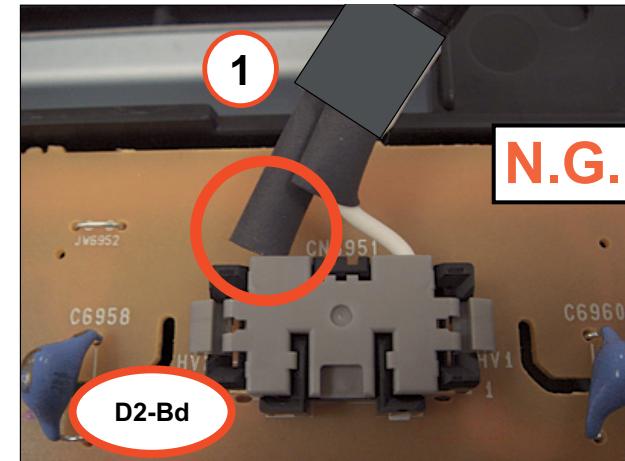
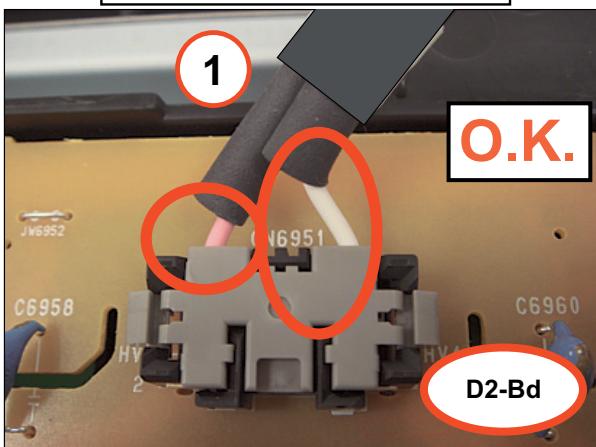
OPERATION PROCESS

CAUTION

MAKE SURE BLACK INSULATION
TUBING DOES NOT TOUCH CONN
BEFORE INSTALLING 2P MD CONN.

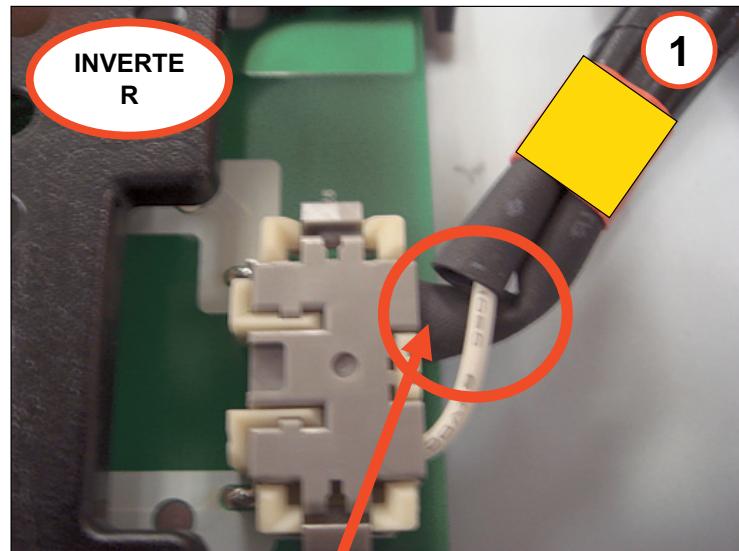
AFTER INSTALLING CONNECTOR, TUBE
INSULATION CAN TOUCH CONNECTOR!

INSTALL D1-Bd SIDE 2ND



KDL-46S3000 ONLY

INVERTER BOARD, D1 BOARD AND D2 BOARD



CAUTION: Make Sure
Inverter Connector DOES NOT
CROSS WHITE/PINK WIRES!

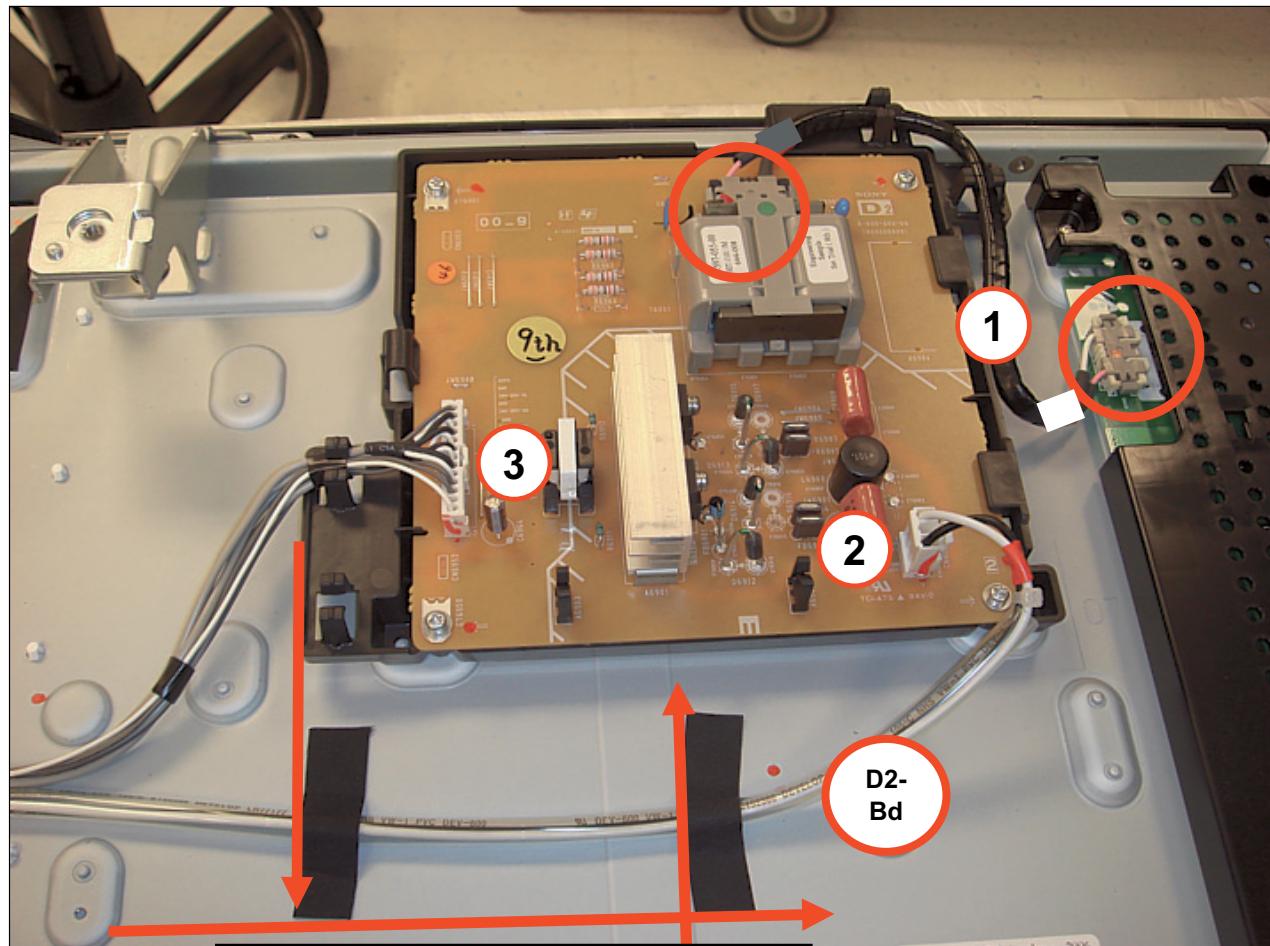
**CHECK BOTH SIDES OF HARNESS!
(INVERTER CONN / D1/D2-Bd CONN)**

OPERATION PROCESS

CAUTION:
MAKE SURE WHITE/PINK WIRES
DO NOT CROSS.
CHECK INVERTER TO D1 WIRES
CHECK INVERTER TO D2 WIRES

KDL-46S3000 ONLY

D2 BOARD

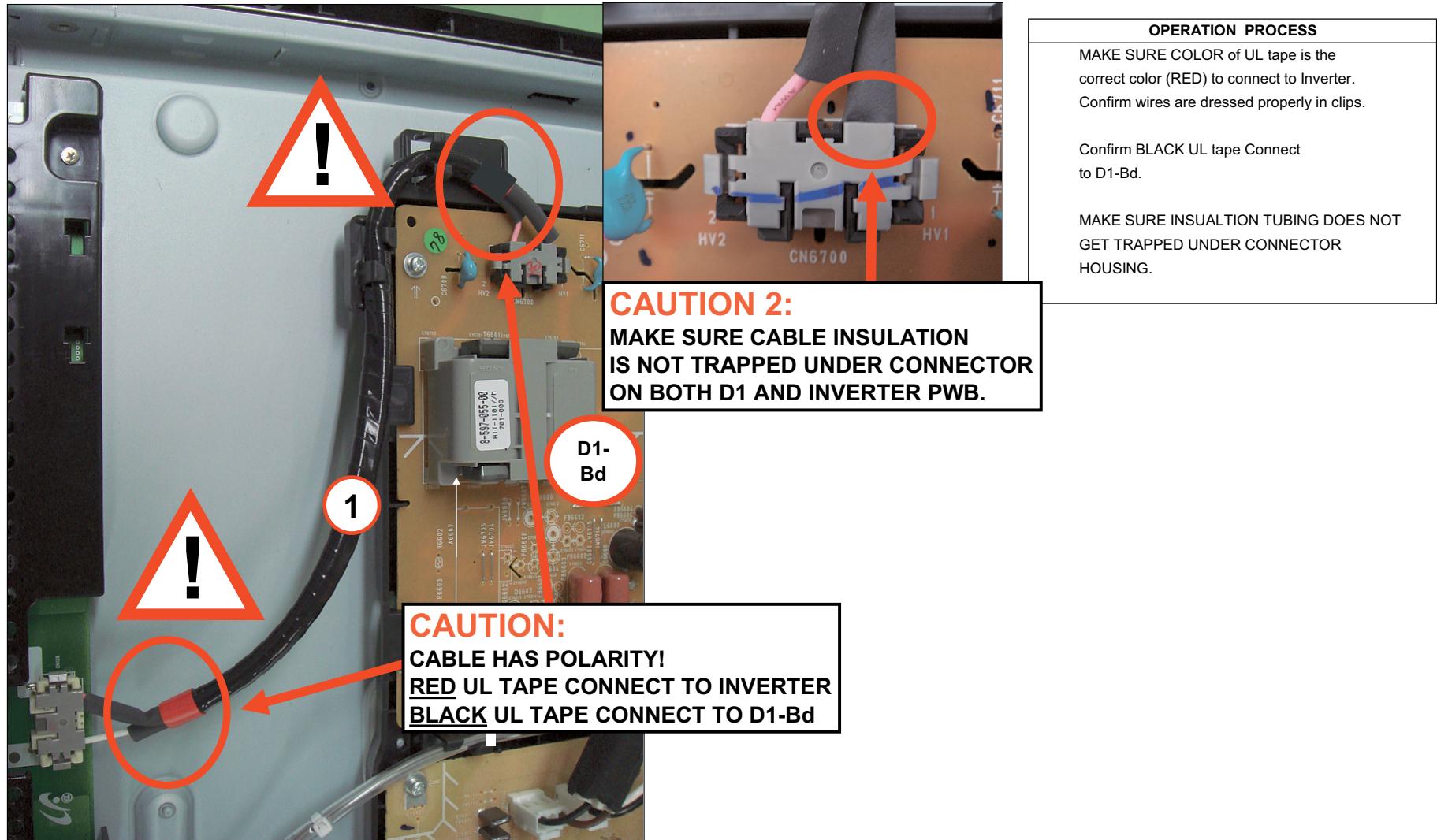


OPERATION PROCESS

1. MAKE SURE COLOR of UL tape is the correct color (WHITE/BLACK) for harness. Confirm wires are dressed properly in clips.
2. Dress D2 harness as shown
3. Apply Sheet Core C to 3P VH Conn Assy. As shown.

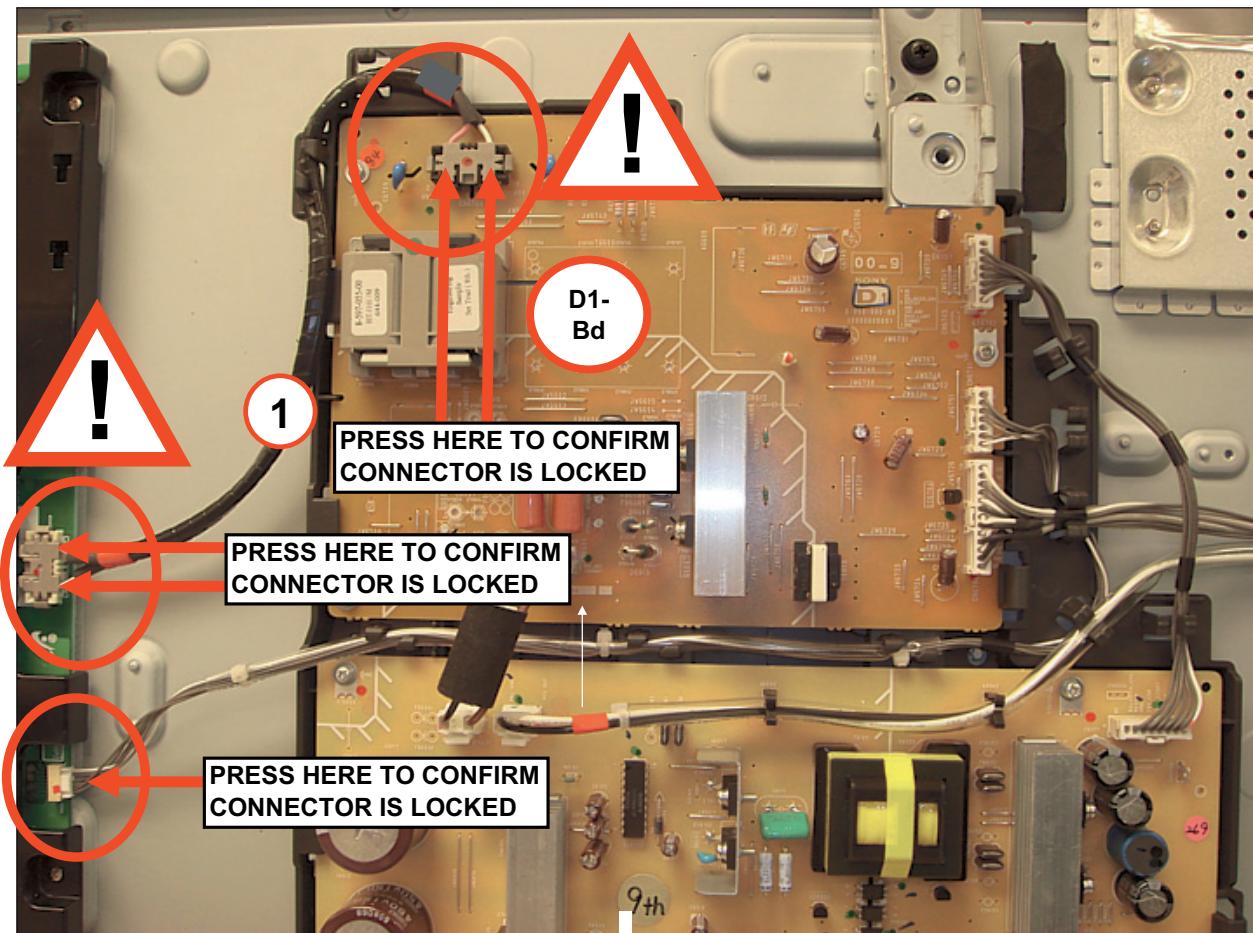
KDL-46S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION



KDL-46S3000 ONLY

D1 BOARD AND INVERTER BOARD CAUTION (CONTINUED)



OPERATION PROCESS

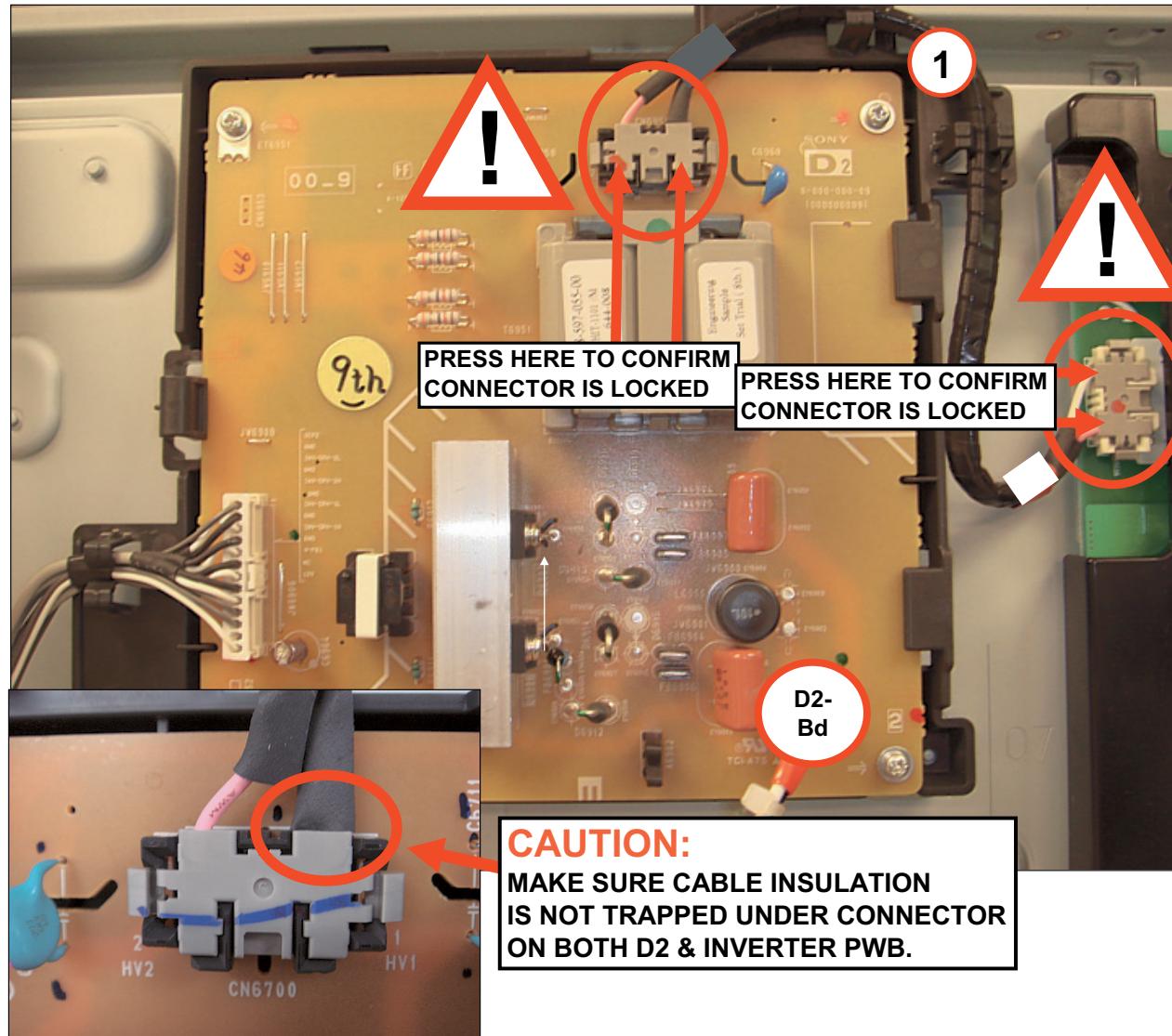
MAKE SURE COLOR of UL tape is the correct color (RED/BLK) for harness. Confirm wires are dressed properly in clips.

Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).

MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-46S3000 ONLY

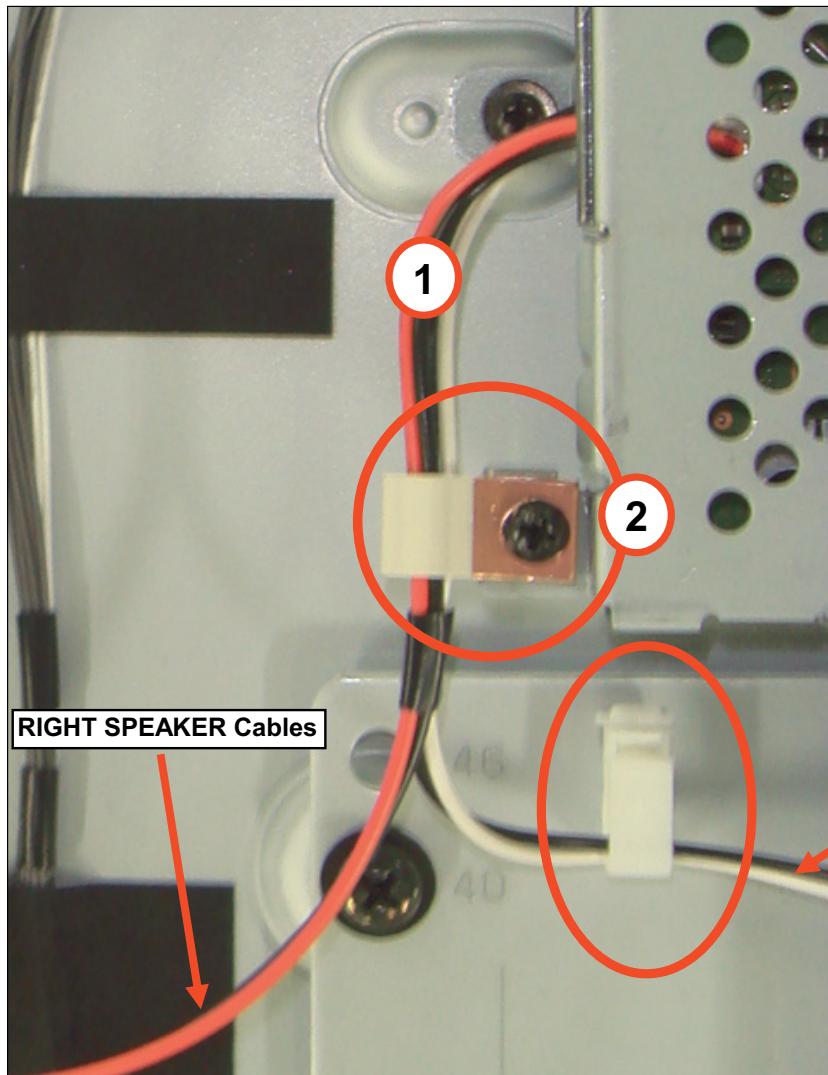
D1 BOARD AND INVERTER BOARD CAUTION (CONTINUED)



OPERATION PROCESS
MAKE SURE COLOR of UL tape is the correct color (WHITE/BLK) for harness. Confirm wires are dressed properly in clips.
Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).
MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

KDL-46S3000 ONLY

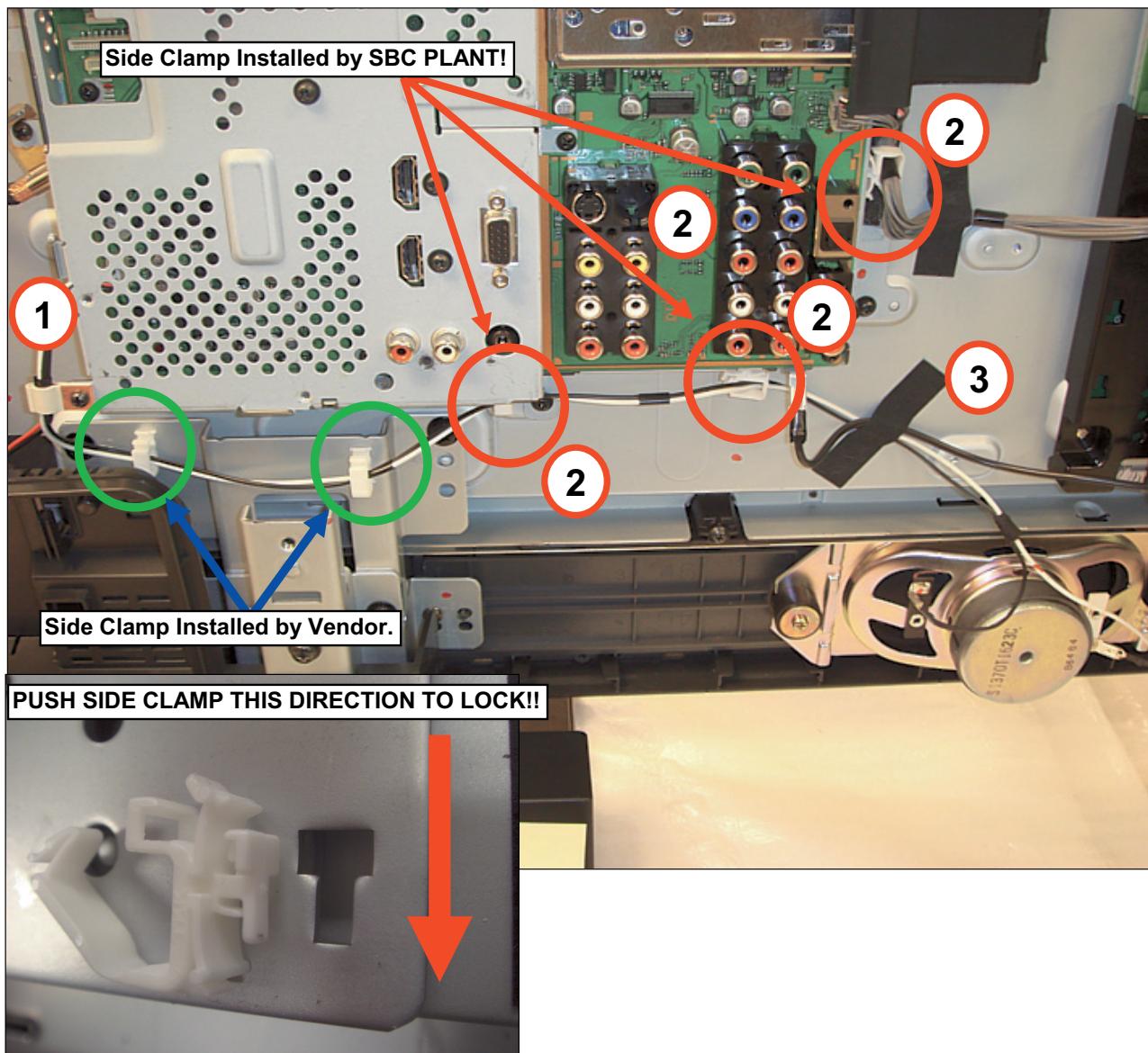
D2 BOARD AND INVERTER BOARD CAUTION



OPERATION PROCESS
1. Wire Dress Speaker Cables as shown. Lft. Speaker cable is dressed in side clamp (white plastic).
2. BOTH R/L cables are dressed in FGC-3 conductive clip.
TORQUE SPECIFICATION
TORQUE: 6kg.cm (+-1.0kg.cm)

KDL-46S3000 ONLY

SPEAKER CABLES

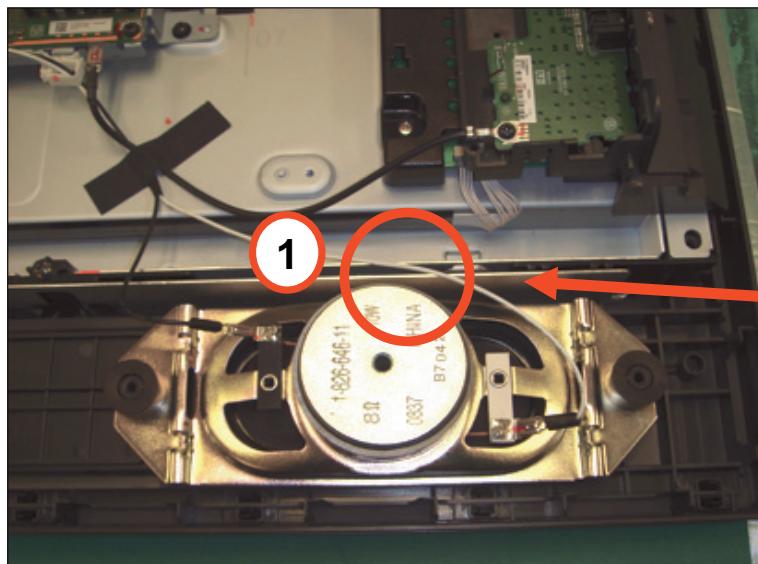


OPERATION PROCESS

1. Dress LEFT speaker harness as shown
2. Install Sheet Core C to hold BOTH U1 Gnd Wire AND Lft. Speaker wires to panel.

KDL-46S3000 ONLY

LEFT SPEAKER HARNESS

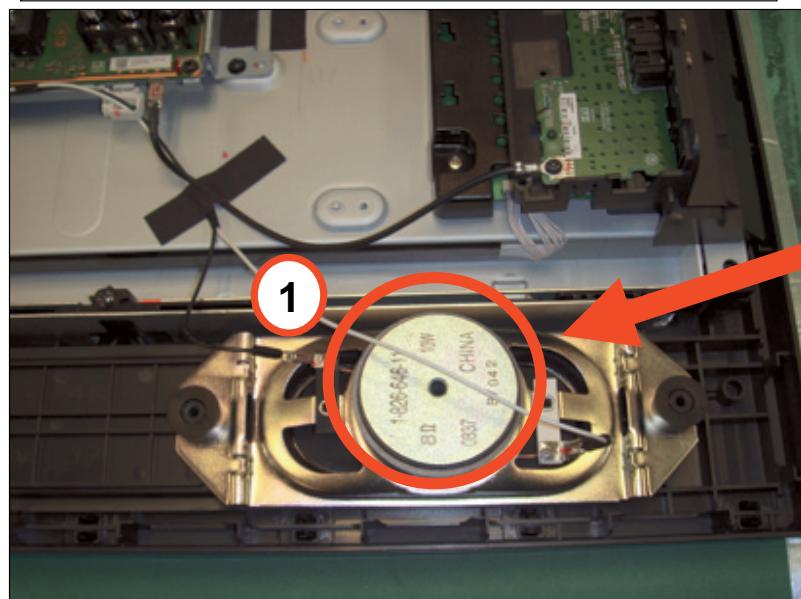


O.K.
Spkr. Wire NO CROSS Magnet.

OPERATION PROCESS

DO NOT allow LFT. Speaker wire (white) to cross over magnet on speaker.

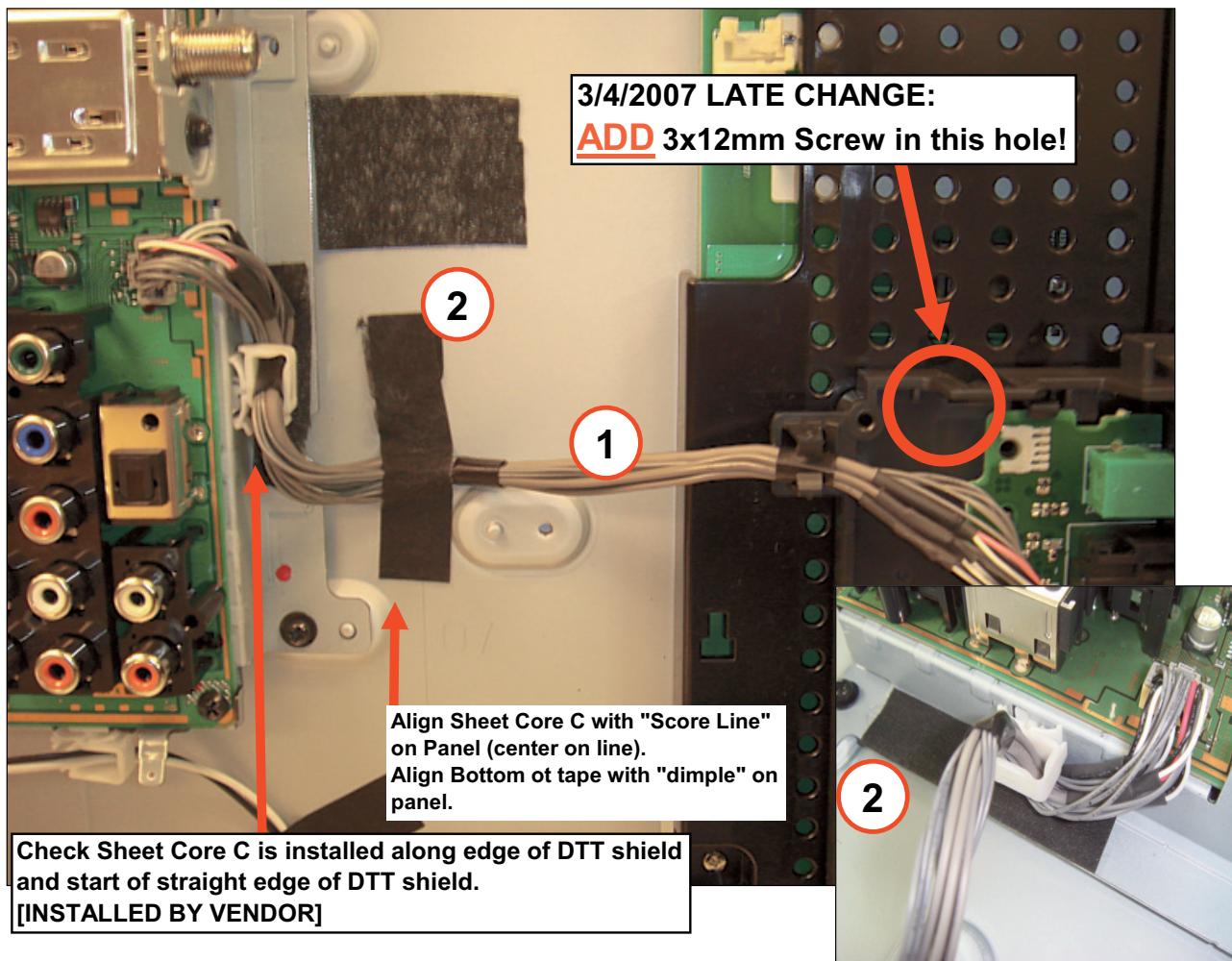
Keep white wire CLEAR of magnet.



N.G.
Spkr. Wire CROSS Magnet.

KDL-46S3000 ONLY

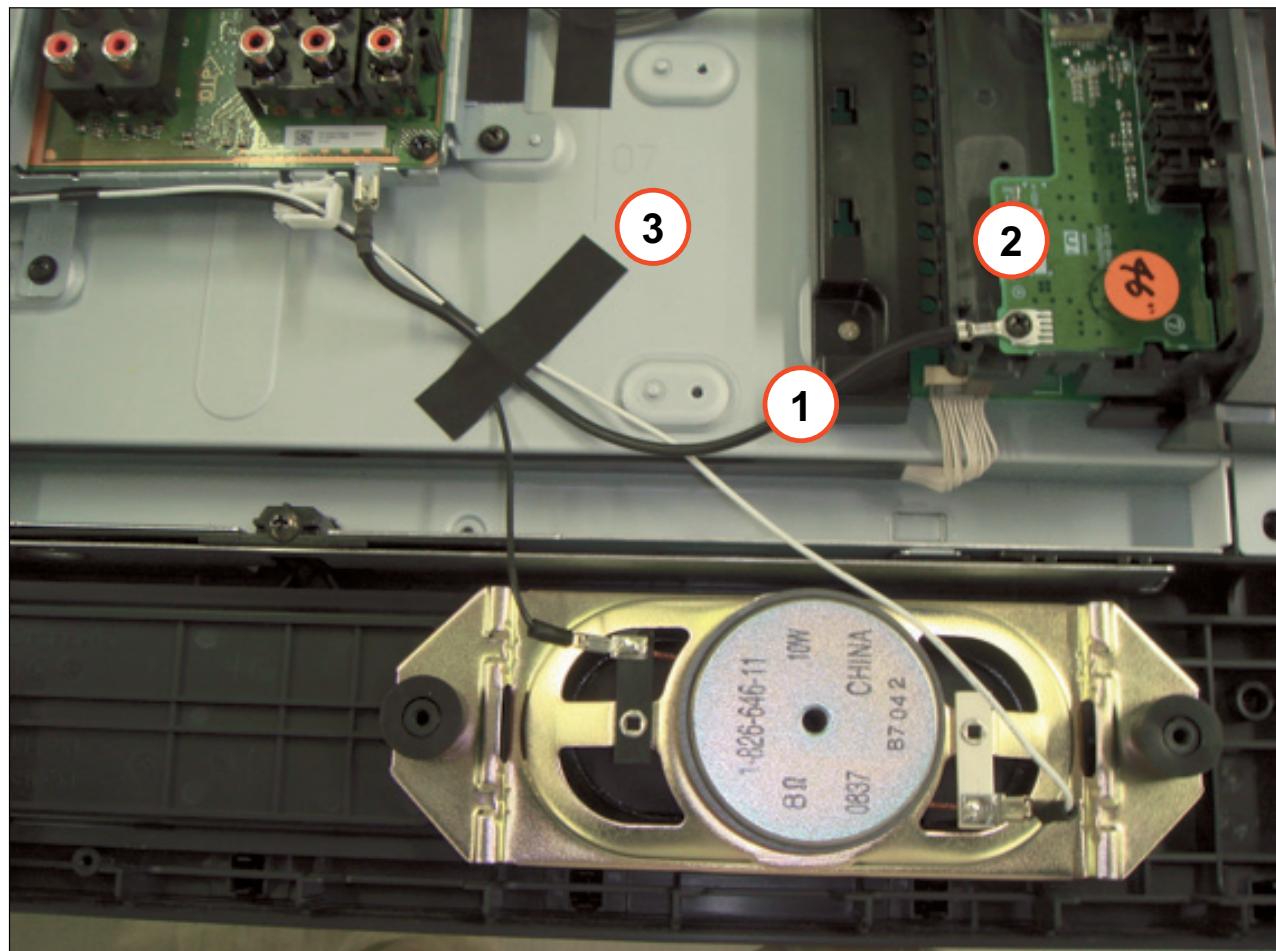
U1 BOARD



OPERATION PROCESS
<p>Apply Sheet Core C to Panel.</p> <p>Use "Score Line" to center Tape.</p> <p>Use Bottom of "Dimple" to align bottom of tape.</p> <p>Make sure DTT Shield has Sheet Core C (Installed by Vendor)</p> <p>Wire Dress 20P Harness as shown.</p> <p>Put attention on DIRECTION of wires from BU-Bd inside side clamp on DTT Shield!</p>

KDL-46S3000 ONLY

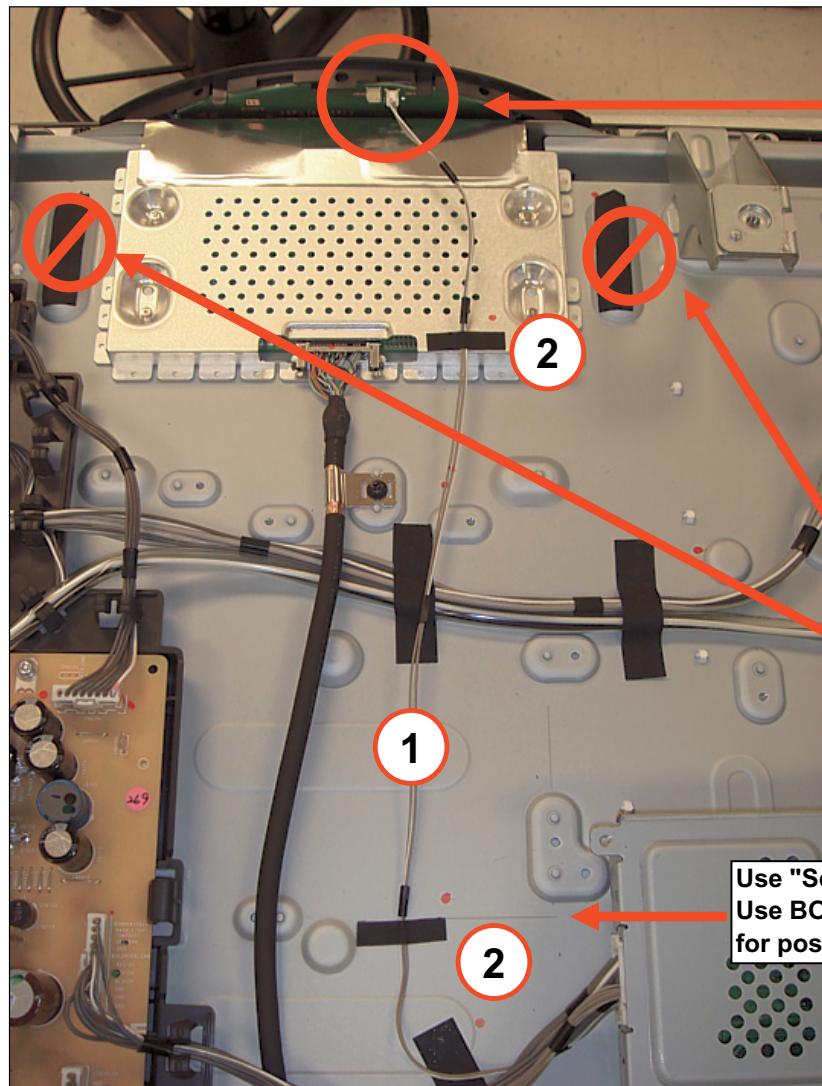
U1 BOARD (CONTINUED)



OPERATION PROCESS
<ol style="list-style-type: none">1. Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation)
<ol style="list-style-type: none">2. Use 3x12mm screw to fix ring terminal in U1 Bracket
<ol style="list-style-type: none">3. Apply Sheet Core C to hold cable on panel. Tape Lft. Speaker cables together with Ground Wire.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-46S3000 ONLY

H1 BOARD



NOTE which connector harness is attached to on H1-Bd.

Tape no longer applied to panel!

**Use "Score Line" on panel to align tape.
Use BOTTOM of UL Tape as reference for positioning cables for taping.**

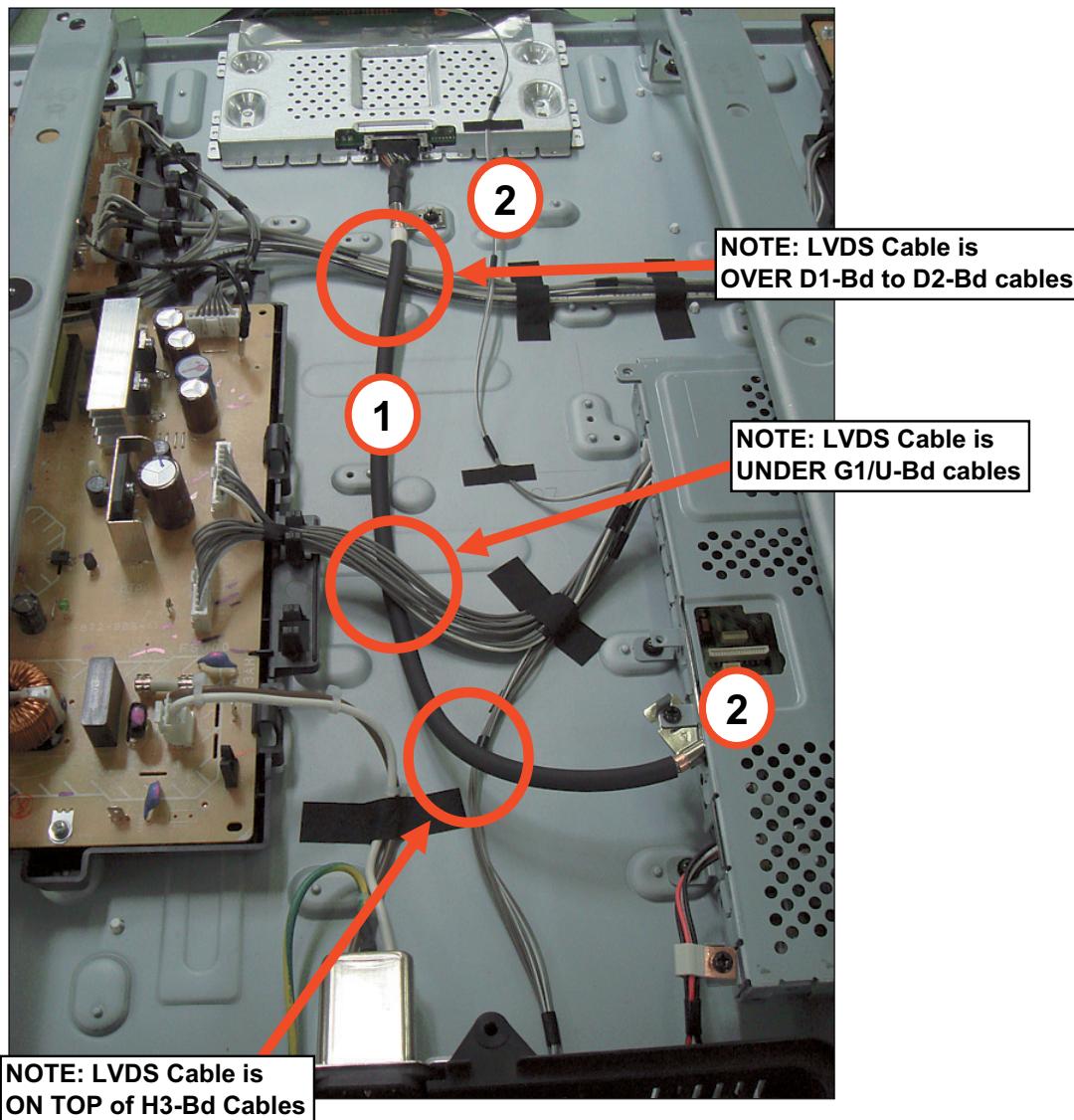
OPERATION PROCESS
<p>Dress/Route H1-Bd harness as shown on photo.</p> <p>NOTE: Put attention on SLACK of cable. Between Connector on H1 and tape there is slack in wire. Between tapes there is a little slack. Between tape/DTT Shield there is slack.</p>

Dress/Route H1-Bd harness as shown on photo.

NOTE: Put attention on SLACK of cable.
Between Connector on H1 and tape there is slack in wire.
Between tapes there is a little slack.
Between tape/DTT Shield there is slack.

KDL-46S3000 ONLY

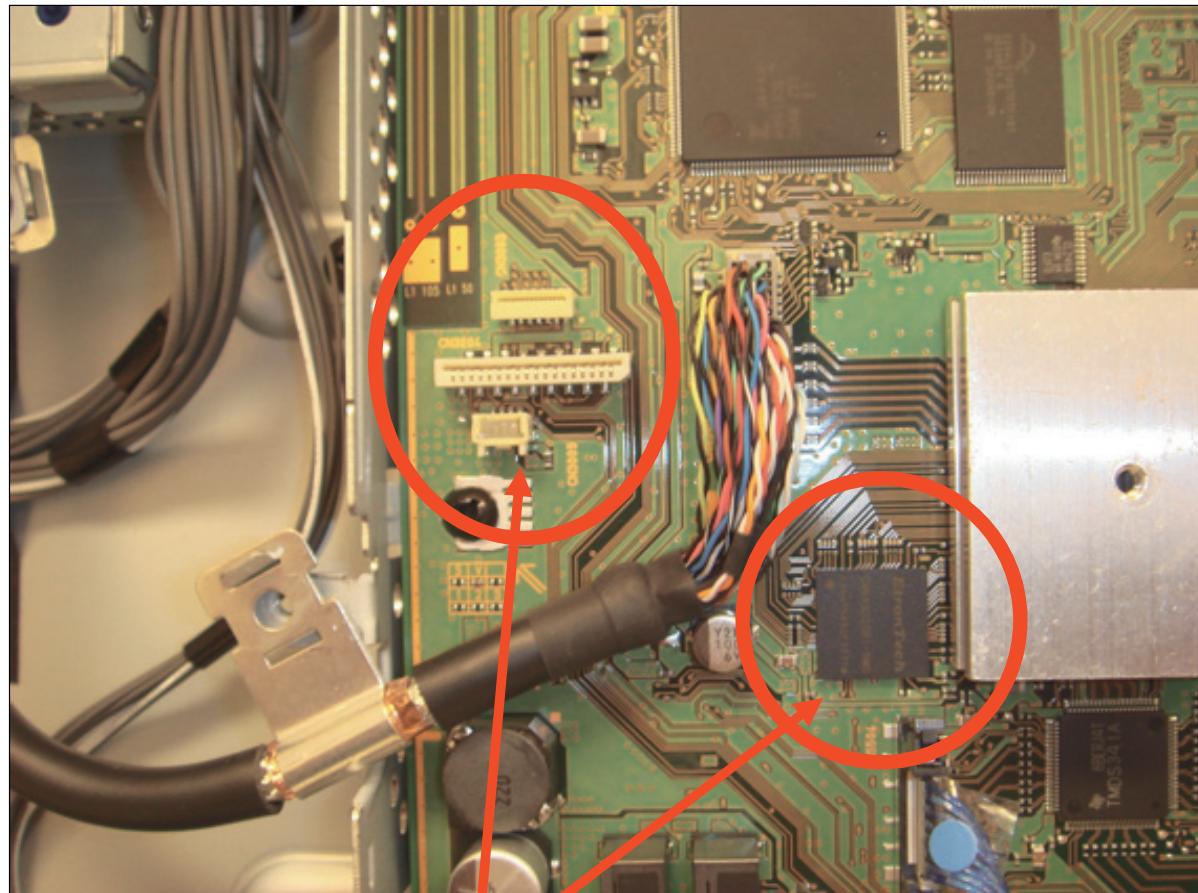
LVDS CABLE



OPERATION PROCESS
<ol style="list-style-type: none"> 1. Route 40P LVDS Cable between BU-Bd and TCON as shown. 2. Apply 3x8mm Screw (2-places) to ground LVDS cable. <p>G1 to BU cables are on TOP of LVDS. H3-Bd cables are UNDER LVDS.</p>
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

KDL-46S3000 ONLY

LVDS CABLE (CONTINUED)



CAUTION: Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

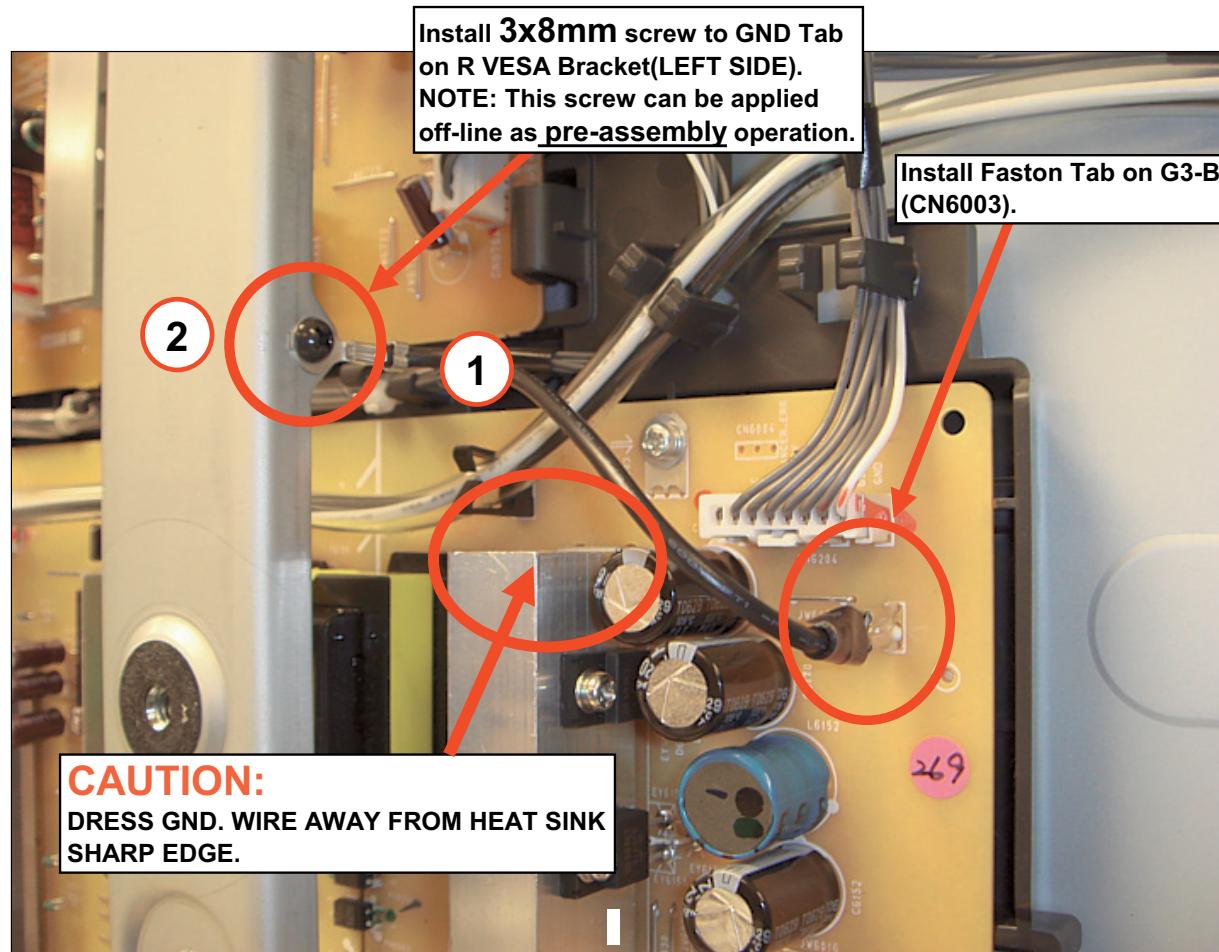
OPERATION PROCESS

Route LVDS Harness from BU-Board (CN4500) as shown.

CAUTION: Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

KDL-46S3000 ONLY

VESA BRACKER GROUND WIRE



OPERATION PROCESS
Attach ESD Grounding wire as shown shown.
NOTE: 3x8mm Screws are located.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg.cm (+-1.0kg.cm)

SECTION 2: SERVICE ADJUSTMENTS

2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

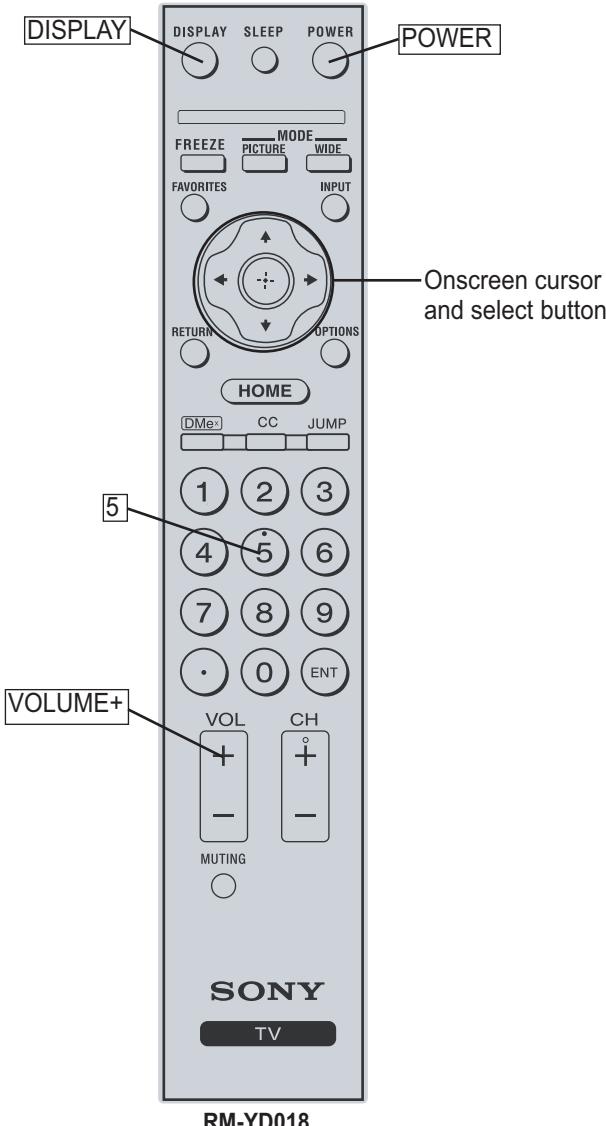
Equipment Needed:

- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- ✓ Digital multimeter

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

[DISPLAY] → Channel [5] → Volume [+] → [POWER].

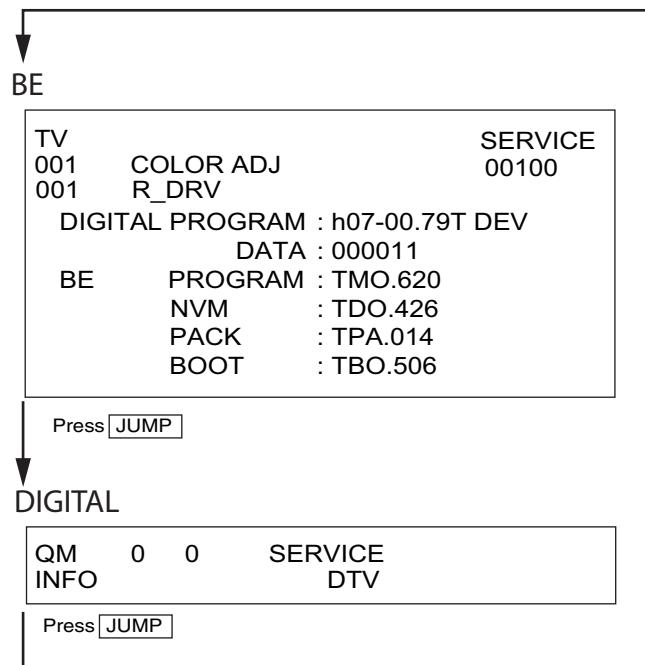


The first service menu (TV) displays.

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

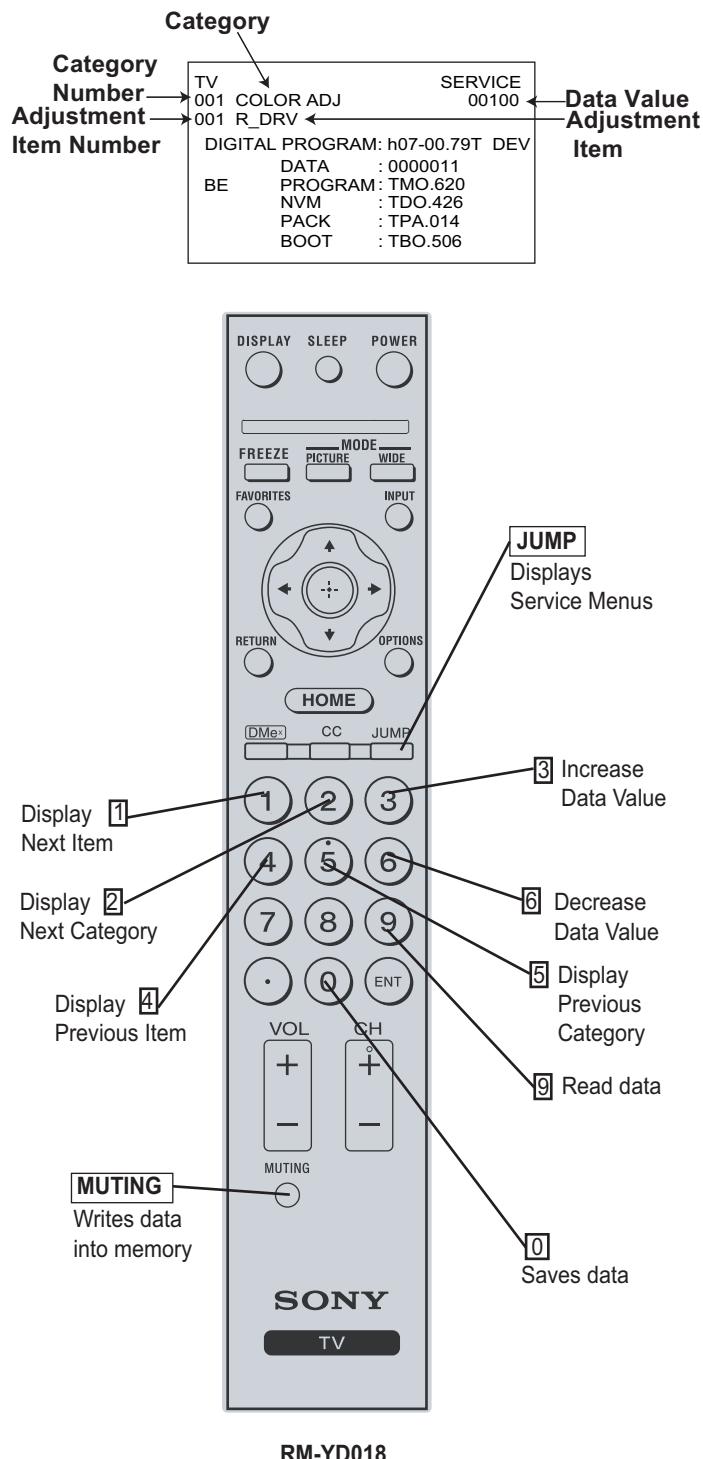
1. To display the **Service Menu** that contains the Category you want to adjust, press **JUMP** on the Remote Commander.
(For a complete list of the service Categories refer to Service Menus)



Sample TV Service Menu

2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.



1. Access Service Adjustment Mode and select the Service Menu that contains the Category with the Adjustment Item you want to change.
2. To change the **Category**, press **2** or **5** on the Remote Commander. **Note:** Pressing **2** or **5** only changes the categories within the Service Menu displayed. To change a Category on one of the other Service Menus, press the **JUMP** button until the correct Service Menu is displayed.
3. To change the **Adjustment Item**, press **1** or **4** on the Remote Commander.

2-4-1. CHANGING SERVICE DATA

The service data values have been selected to provide the best possible viewing performance. Although some of the data values are adjustable, the adjustments are very sensitive and changing them may reduce the picture quality of the set. The following instructions are provided for informational purposes only.

4. To change the **Data Value**, press **3** or **6** on the Remote Commander.
5. To save the changes, press **MUTING** then **0** to write into memory.

2-4-2. EXITING SERVICE MODE

After completing the changes, exit service mode.

6. To exit service mode, turn the power off by pressing **[POWER]**.

SERVICE MENUS

BE MICRO

001 COLOR ADJ

001	R_DRV
002	G_DRV
003	B_DRV
004	R_BKG
005	G_BKG
006	B_BKG

002 SETTING

001	AGING MODE
002	A-SHUTOFF DISABLE
003	NO SYNC MUTE

003 INFORM

001	SET INFO RESET
-----	----------------

DIGITAL MICRO

QM	0	INFO
	1	PATN
	2	GPTN
QT	0	CVSB

2-5. VERIFYING SERVICE DATA CHANGES

1. After completing all adjustments turn the set off with the Remote Commander and then proceed to the next step.
2. Press the following buttons on the Remote Commander within a second of each other:
DISPLAY → Channel **5** → Volume **+** → **POWER**.
3. To verify the changes repeat steps 1 through 3 of 2-4. Using the Remote Commander to View Service Data.
4. To exit service mode, turn the power off by pressing **POWER**.

2-6. RESETTING TO FACTORY DEFAULTS

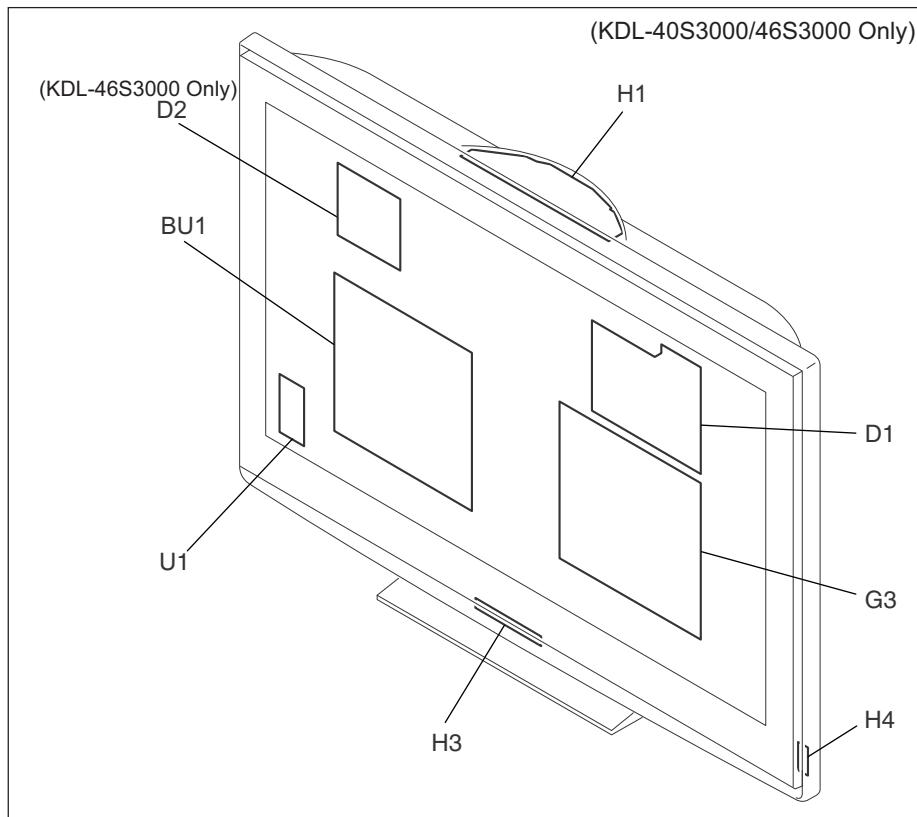
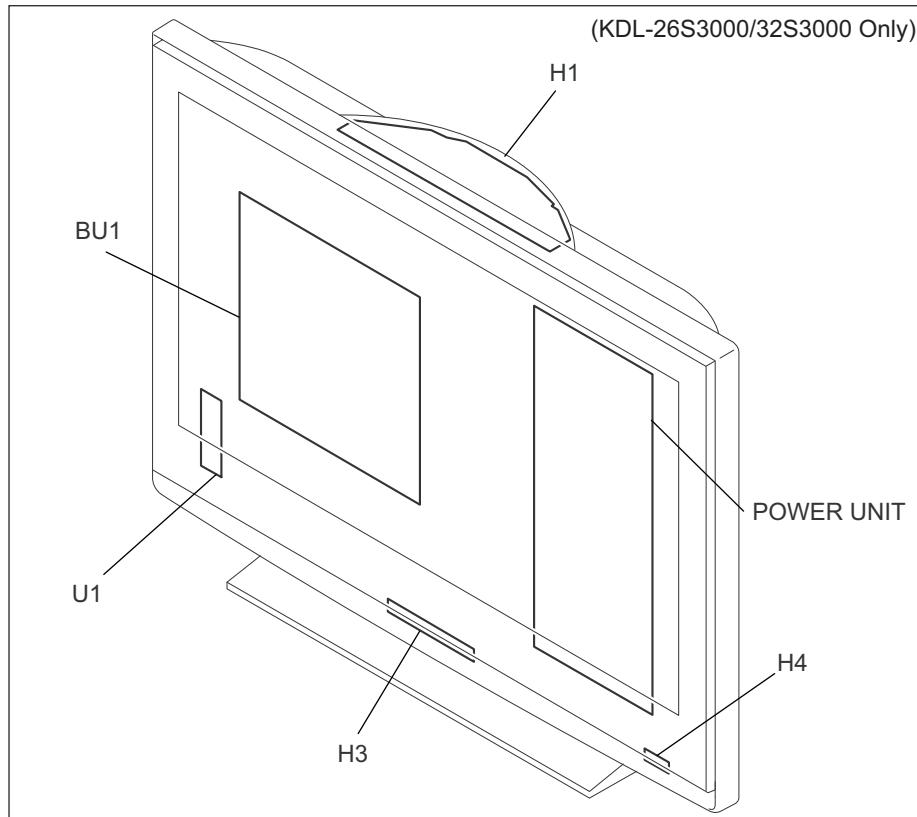
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the **▲** on the Remote Commander, press the POWER button on the Front Panel of the set.

The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{16}\text{W}$ in chip resistance.

 : nonflammable resistor

 : fusible resistor

 : internal component

 : panel designation and adjustment for repair

 : earth ground

 : earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

 : B+line.

 : B-line. (Actual measured value may be different).

 : signal path. (RF)

Circle numbers are waveform references.

The components identified by shading and  symbol are critical for safety. Replace only with part number specified.

The symbol  indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

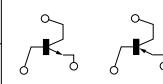
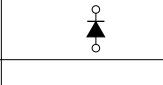
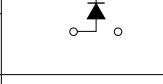
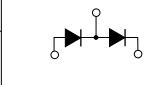
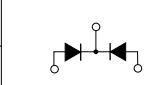
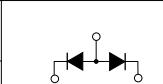
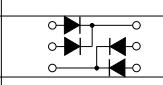
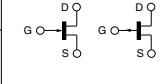
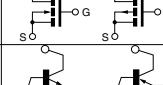
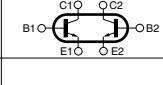
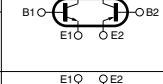
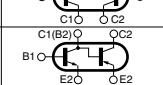
RESISTOR

: RN	METAL FILM	: TA	TANTALUM
: RC	SOLID	: PS	STYROL
: PFRD	NONFLAMMABLE CARBON	: PP	POLYPROPYLENE
: FUSE	NONFLAMMABLE FUSIBLE	: PT	MYLAR
: RW	NONFLAMMABLE WIREWOUND	: MPS	METALIZED POLYESTER
: RS	NONFLAMMABLE METAL OXIDE	: MPP	METALIZED POLYPROPYLENE
: RB	NONFLAMMABLE CEMENT	: ALB	BIPOLAR
: 	ADJUSTMENT RESISTOR	: ALT	HIGH TEMPERATURE
		: ALR	HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

Terminal name of semiconductors in silk screen printed circuit (*)

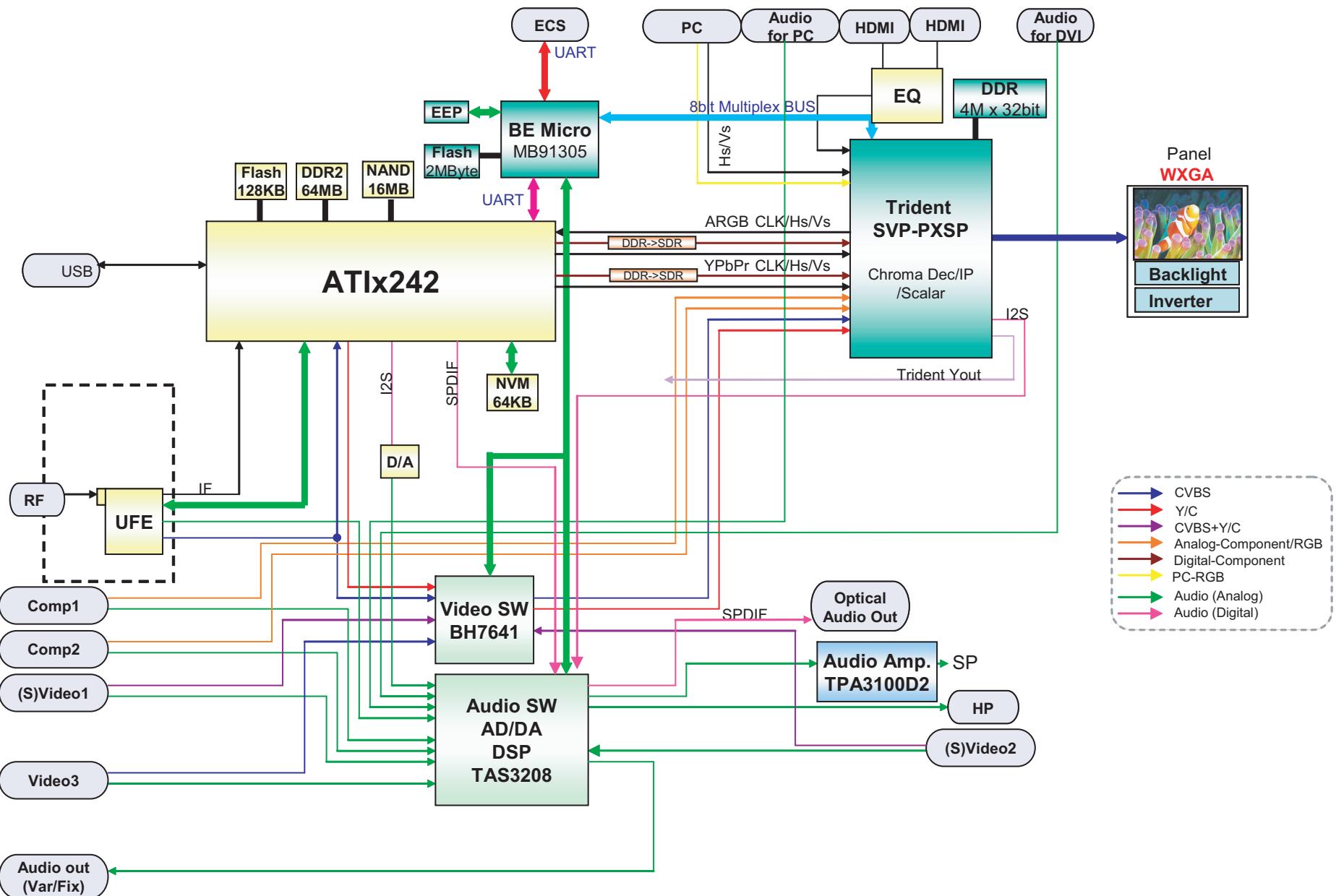
Device	Printed symbol	Terminal name	Circuit
1	Transistor	Collector Base Emitter	
2	Transistor	Collector Base Emitter	
3	Diode	Cathode Anode	
4	Diode	Cathode Anode (NC)	
5	Diode	Cathode Anode (NC)	
6	Diode	Common Anode Cathode	
7	Diode	Common Anode Cathode	
8	Diode	Common Anode Anode	
9	Diode	Common Anode Anode	
0	Diode	Common Cathode Cathode	
!i	Diode	Common Cathode Cathode	
!TM	Diode	Anode Anode Cathode Anode	
!E	Transistor (FET)	Drain Source Gate	
!C	Transistor (FET)	Drain Source Gate	
!?	Transistor (FET)	Source Drain Gate	
!S	Transistor	Emitter Collector Base	
!	Transistor	C2 B1 E1 E2 B2 C1	
!	Transistor	C1 B2 E2 E1 B1 C2	
!a	Transistor	C1 B2 E2 E1 B1 C2	
@o	Transistor	C1 B2 E2 E1 B1 C2	
@i	Transistor	E2 B1 E1 C2 C1(B2)	
@TM	Transistor	(B2) B1 E1 E2 C1 C2	
@E	Transistor	E2 E1 B1 C2 C1	
-	Discrete semiconductor		

(Chip semiconductors that are not actually used are included.)

Ver.1.6

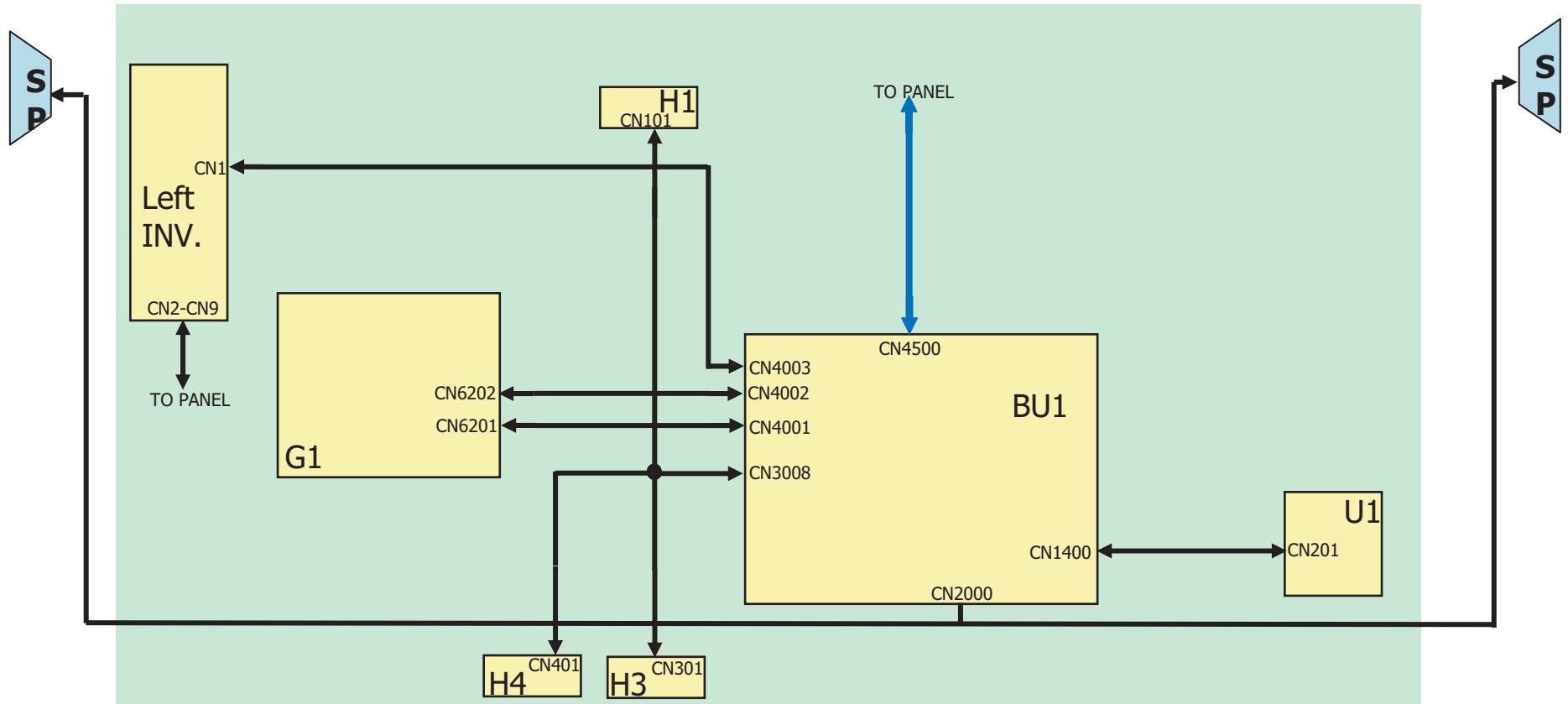
3-3. BLOCK DIAGRAM

SIGNAL FLOW DIAGRAM



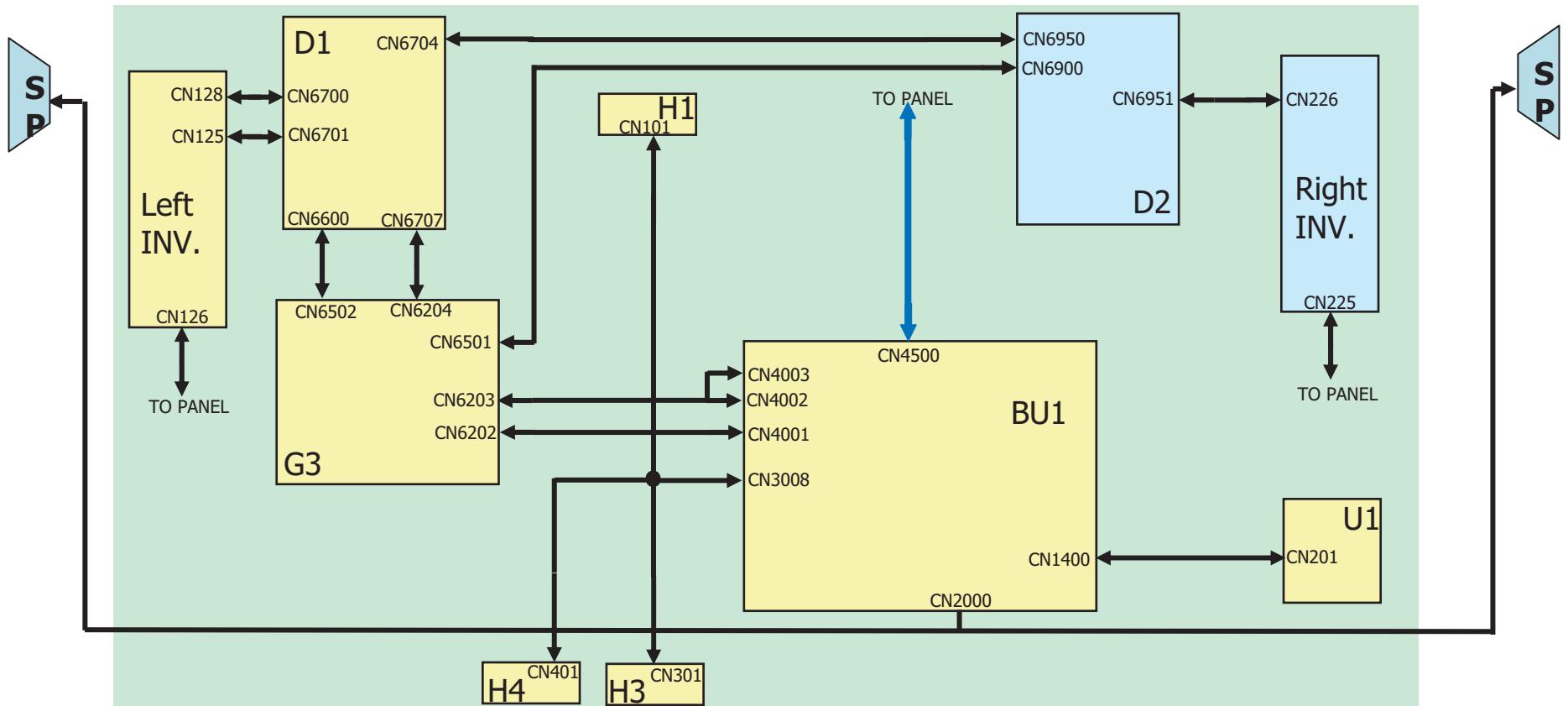
CONNECTION DIAGRAM (KDL-26S3000/32S3000 ONLY)

26/32S3000 PWB Layout & Connection

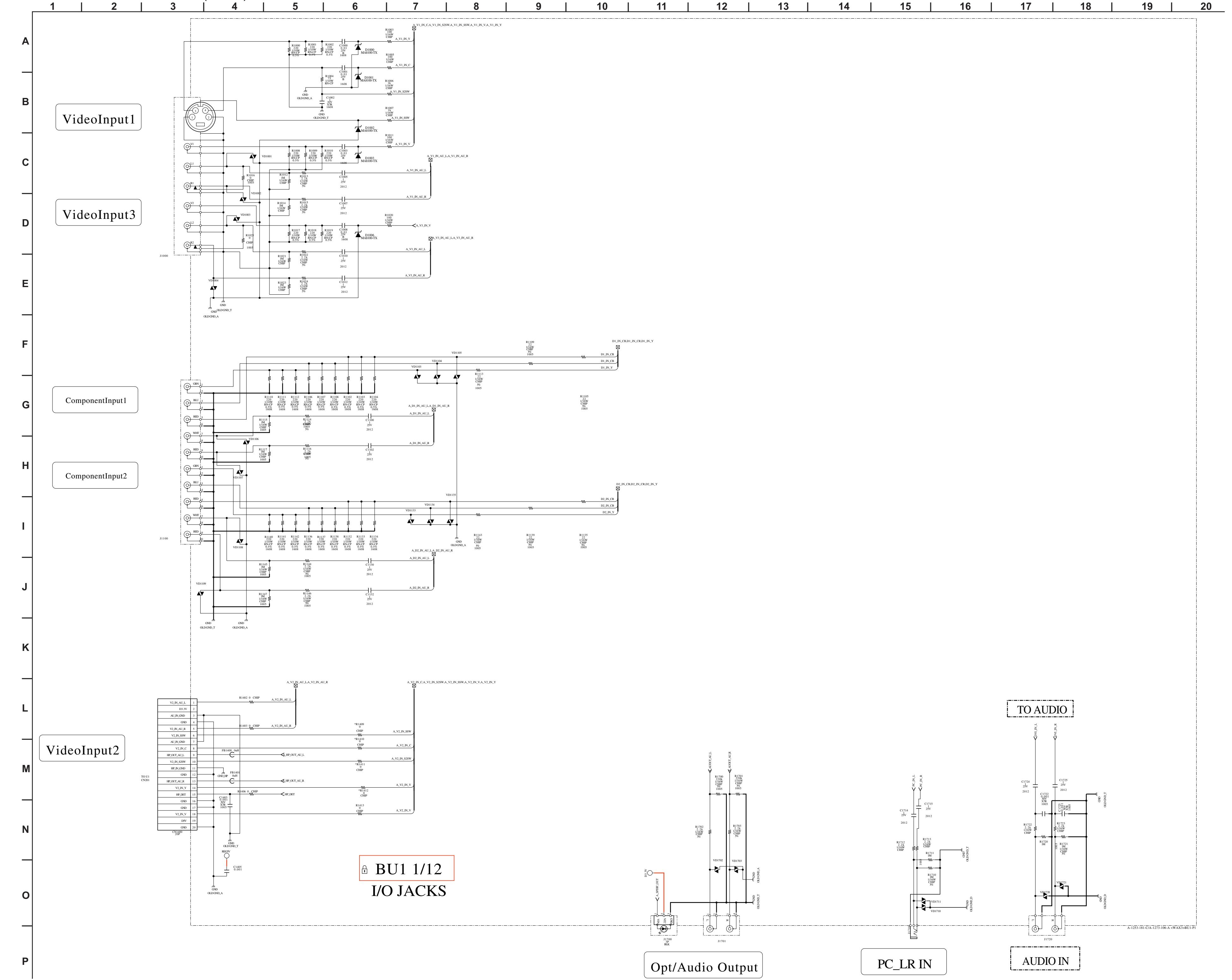


CONNECTION DIAGRAM (KDL-40S3000/46S3000 ONLY)

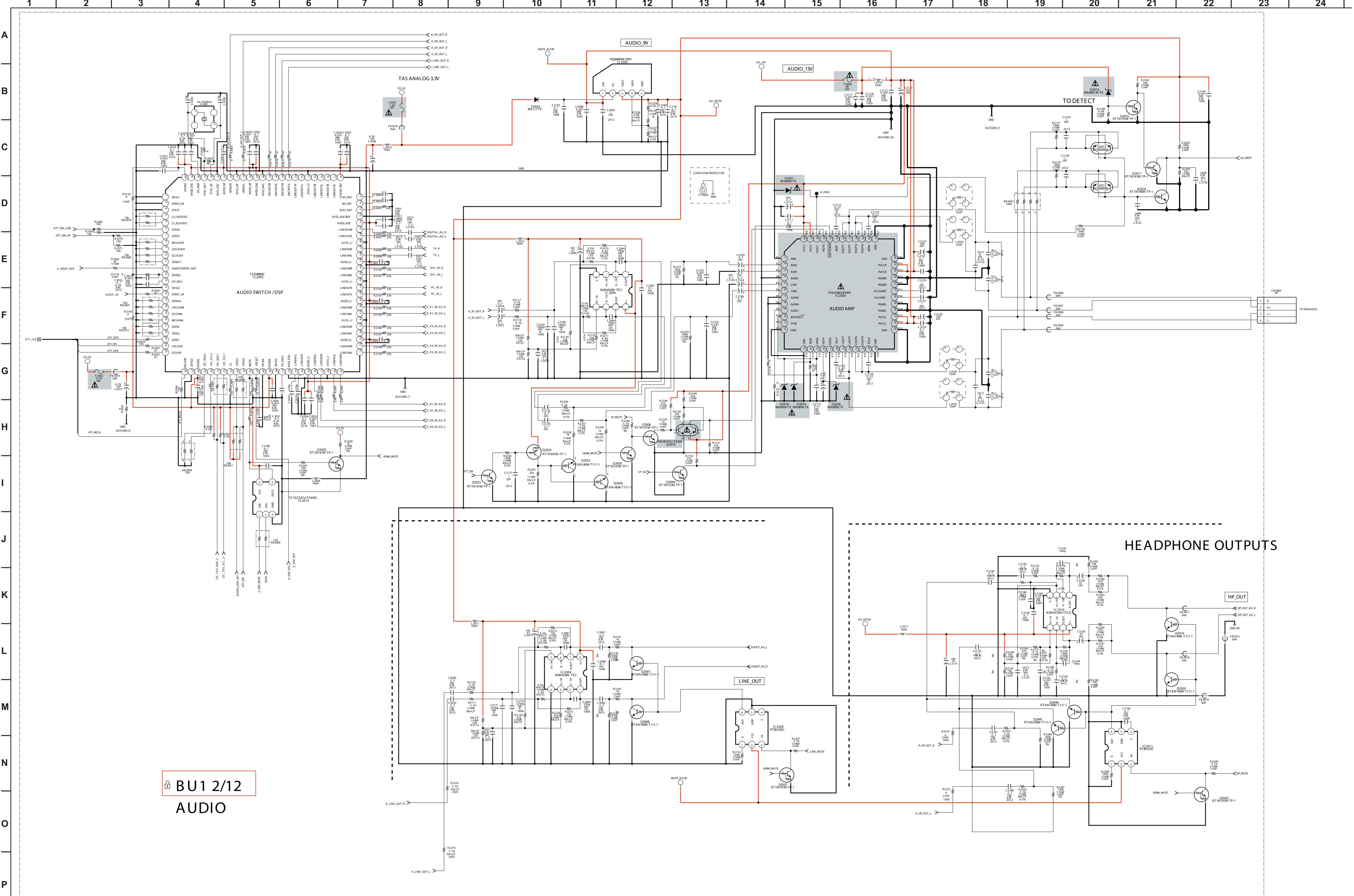
40/46S3000 PWB Layout & Connection



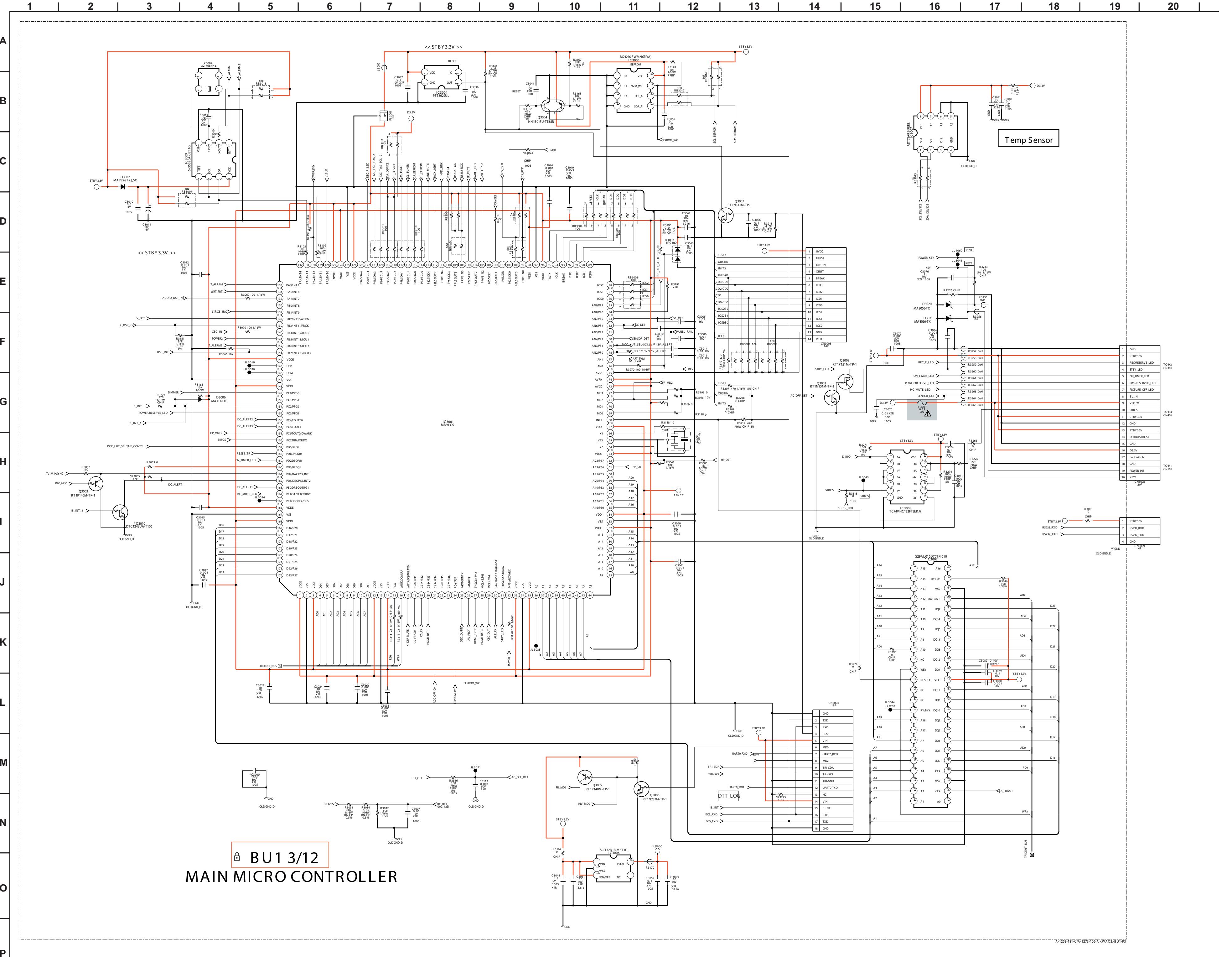
3-4. SCHEMATICS AND SUPPORTING INFORMATION
BU1 BOARD SCHEMATIC DIAGRAM (1 OF 12)



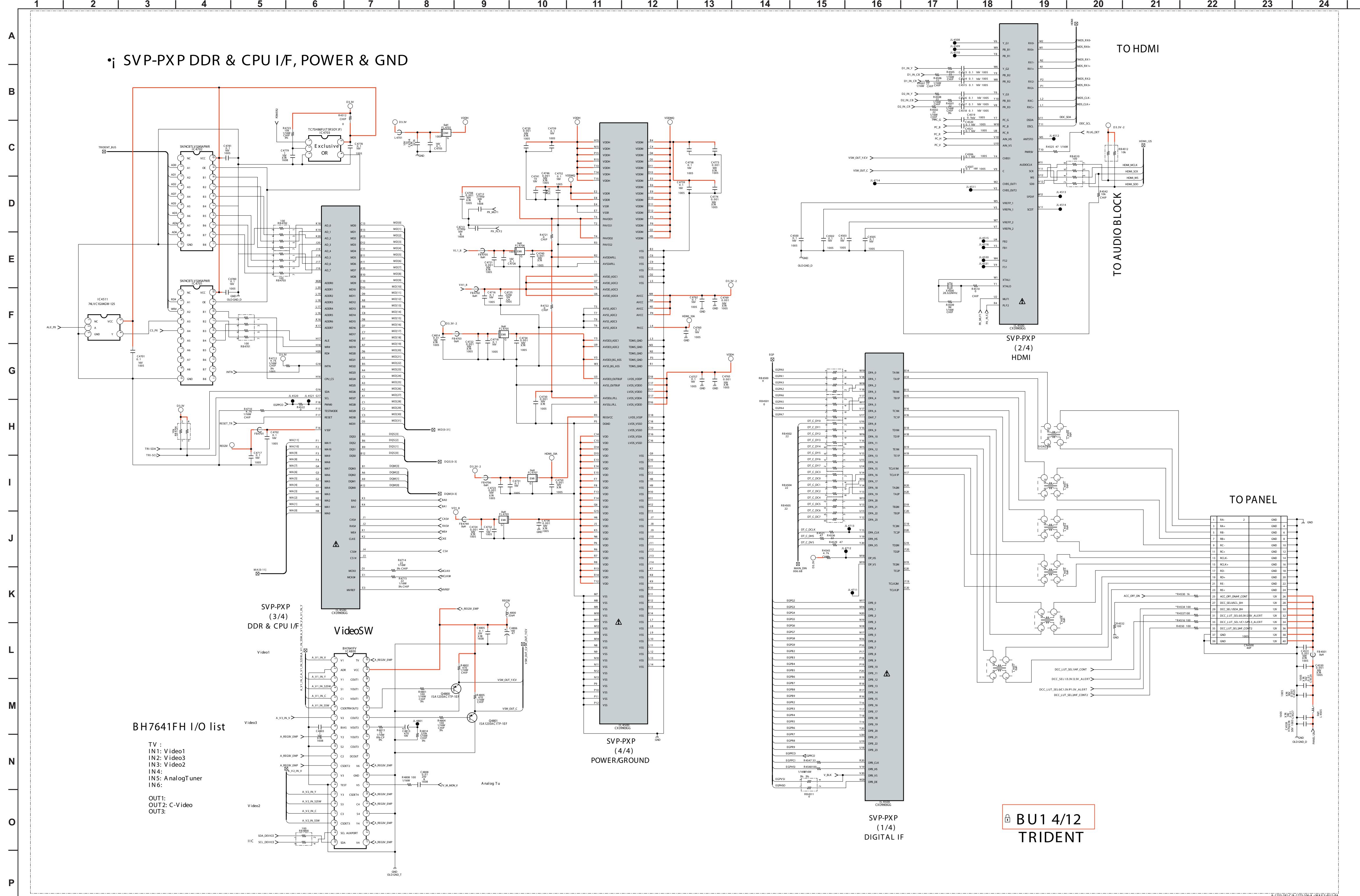
BU1 BOARD SCHEMATIC DIAGRAM (2 OF 12)



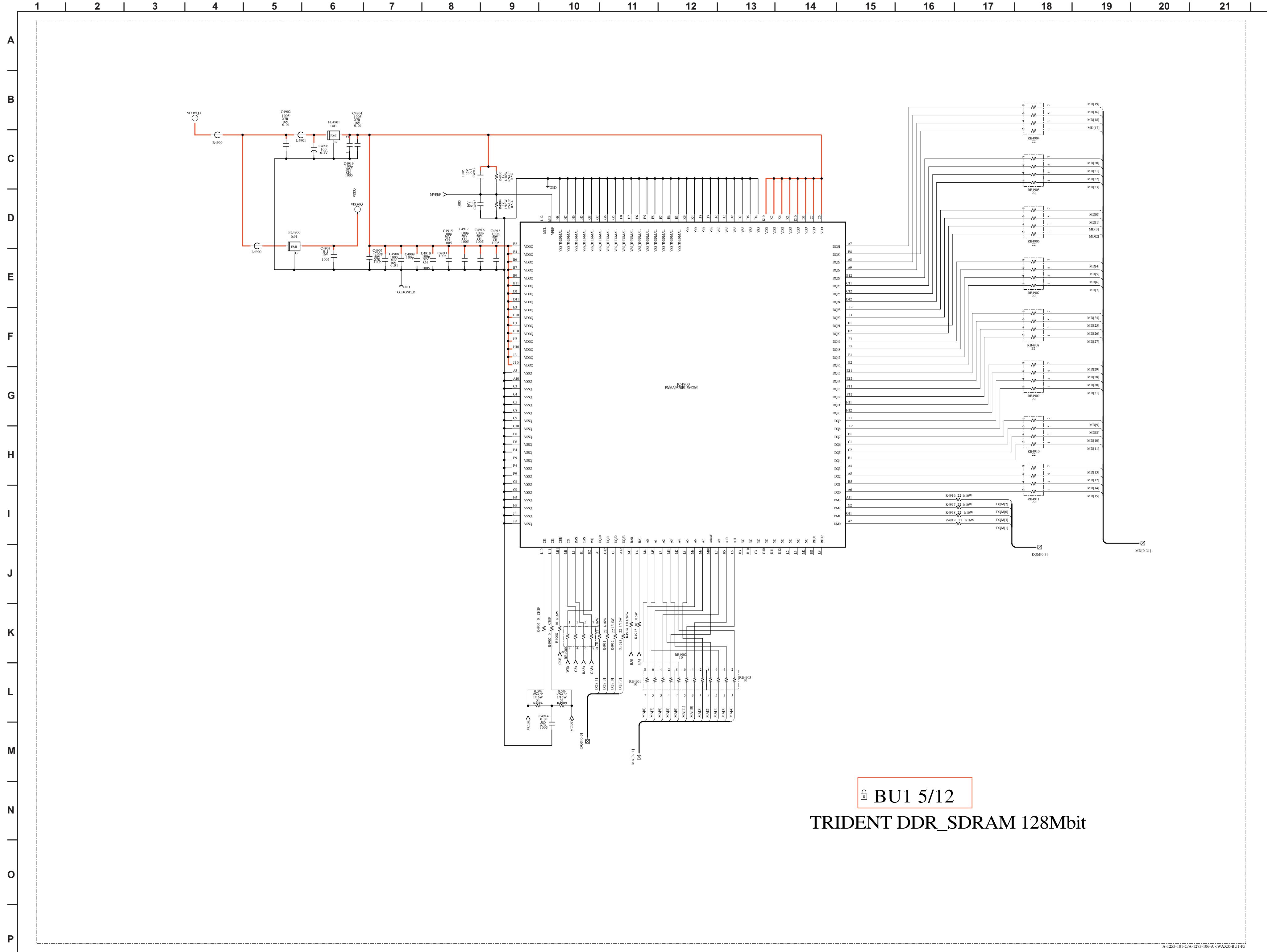
BU1 BOARD SCHEMATIC DIAGRAM (3 OF 12)



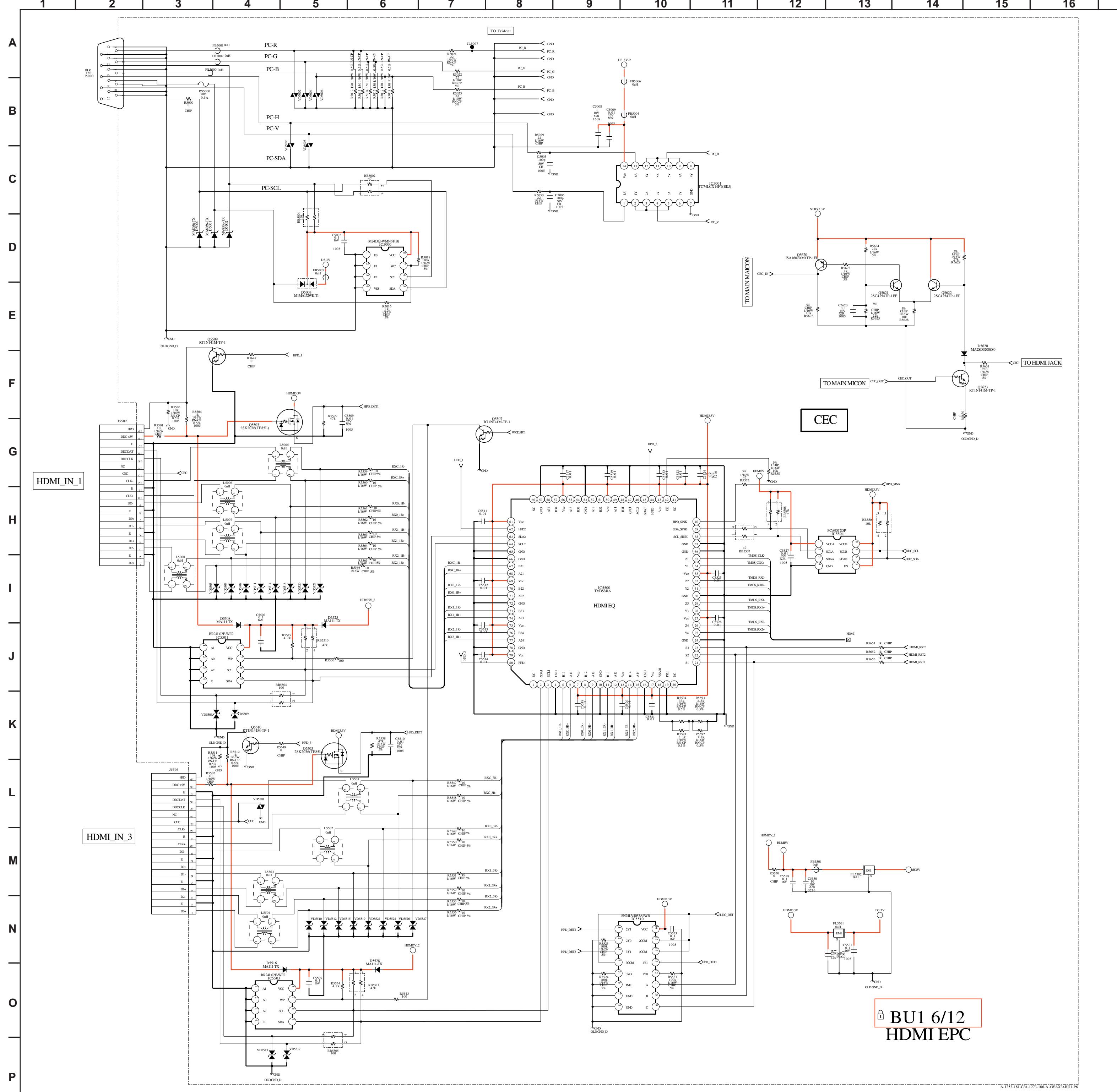
BU1 BOARD SCHEMATIC DIAGRAM (4 OF 12)



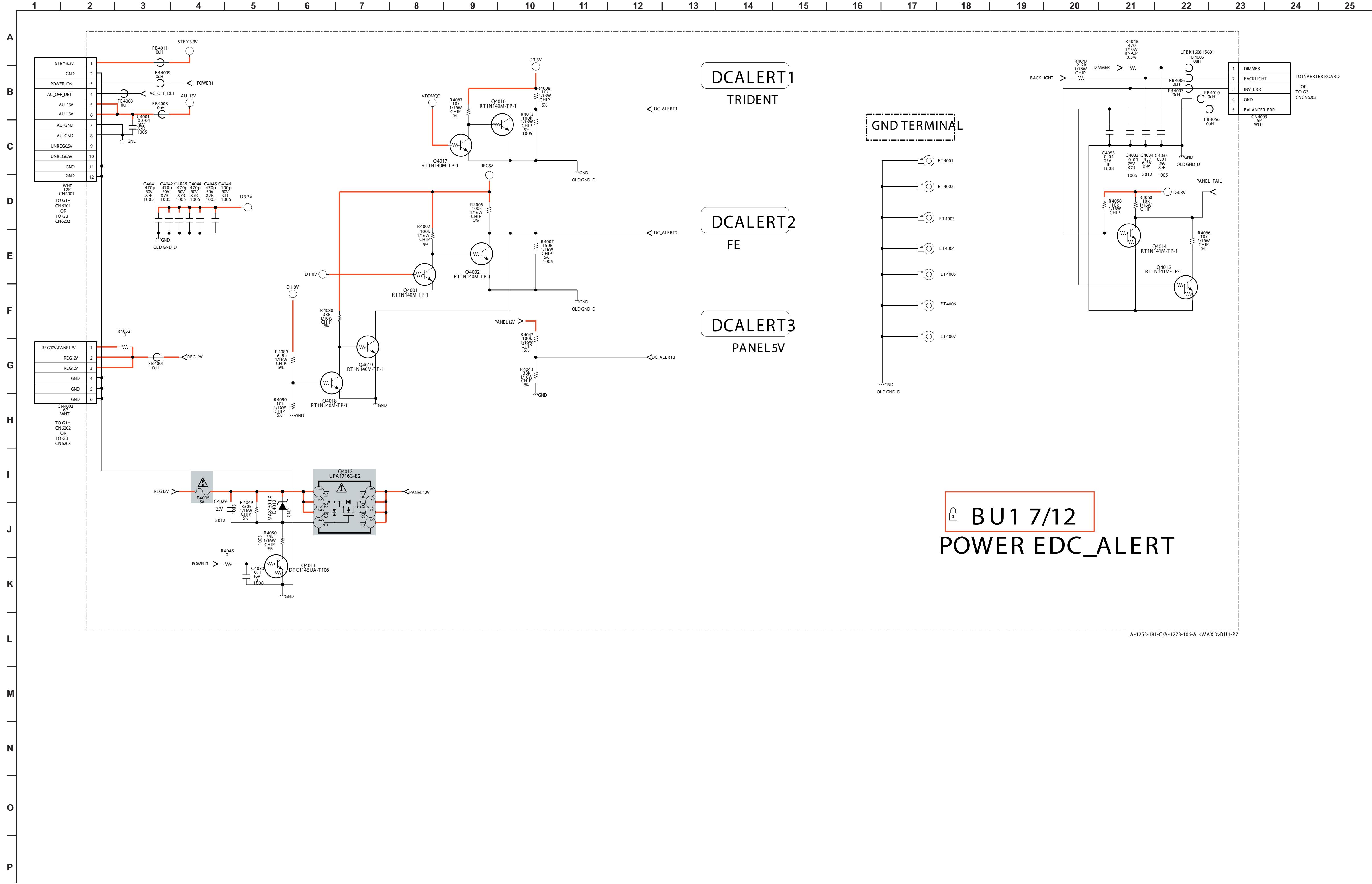
BU1 BOARD SCHEMATIC DIAGRAM (5 OF 12)



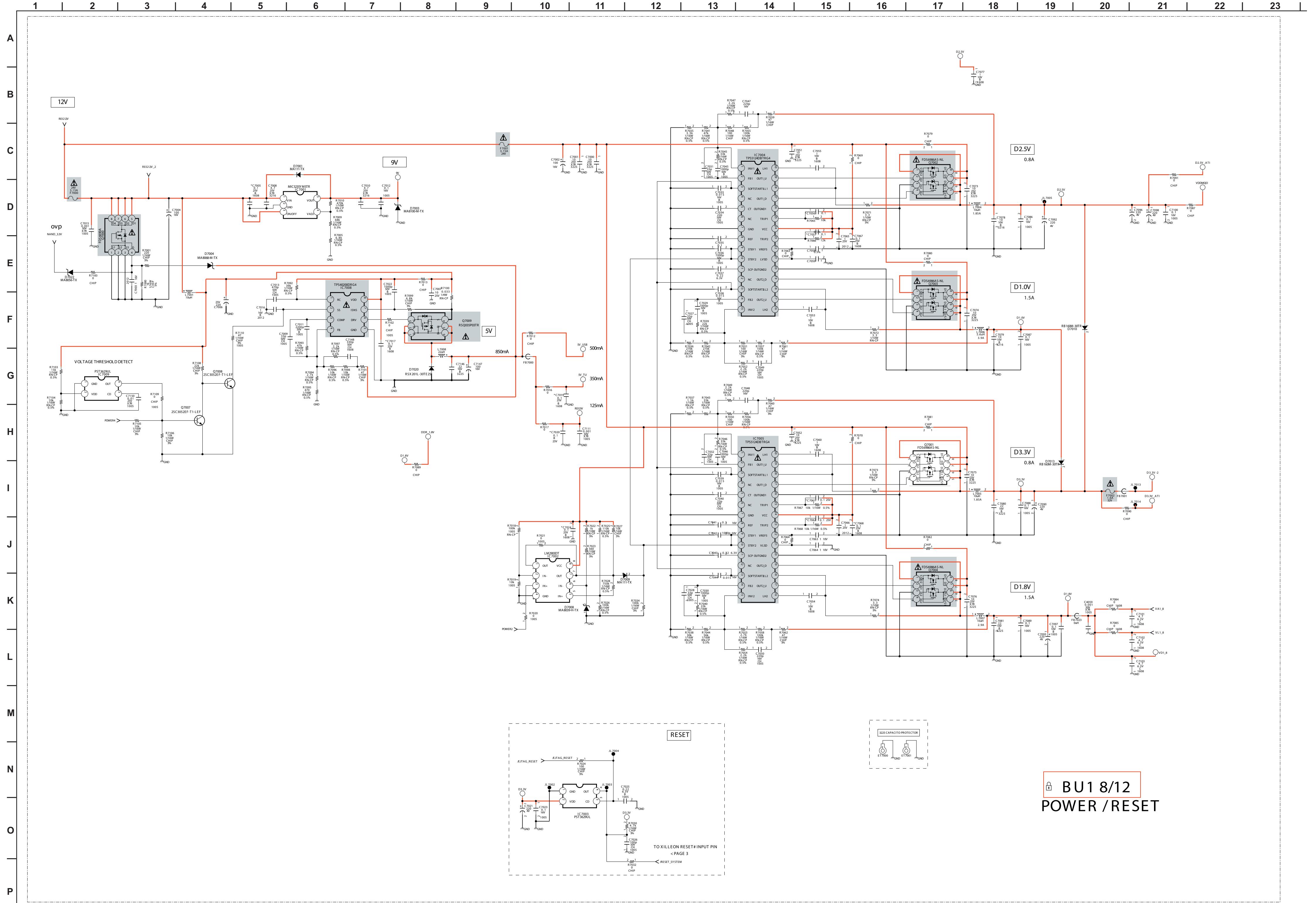
BU1 BOARD SCHEMATIC DIAGRAM (6 OF 12)



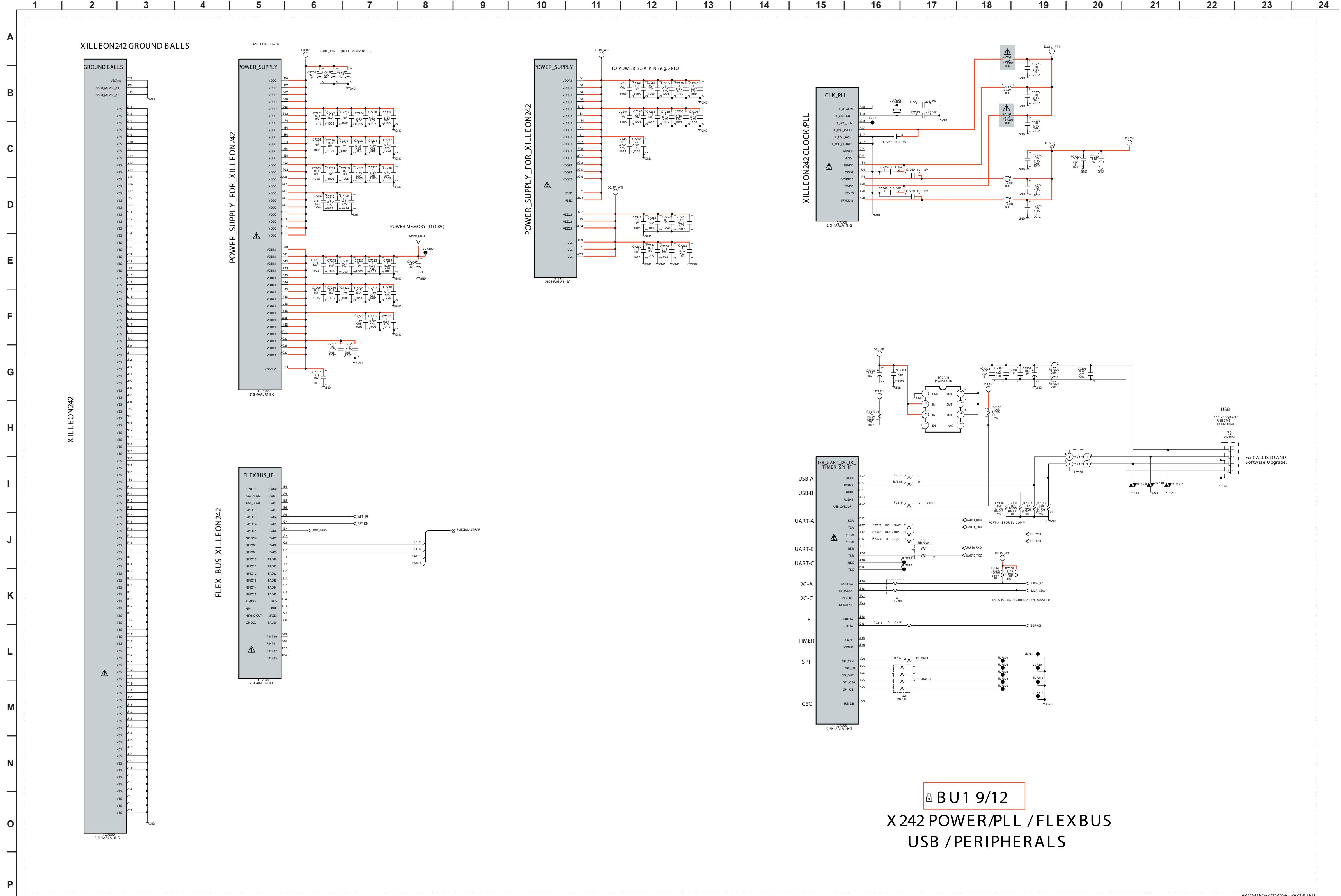
BU1 BOARD SCHEMATIC DIAGRAM (7 OF 12)



BU1 BOARD SCHEMATIC DIAGRAM (8 OF 12)



BU1 BOARD SCHEMATIC DIAGRAM (9 OF 12)

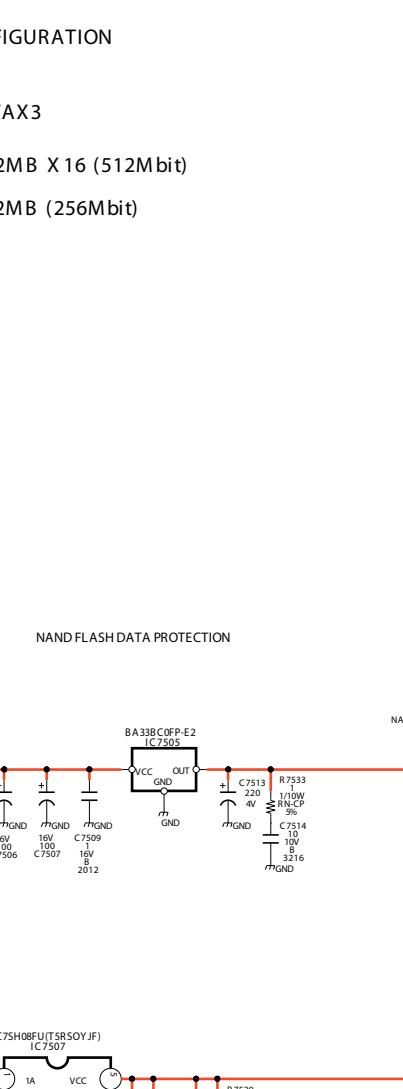
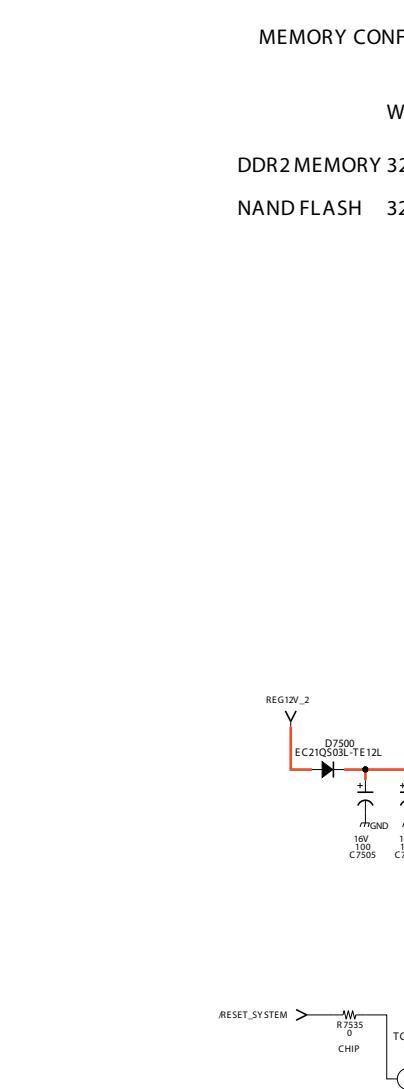
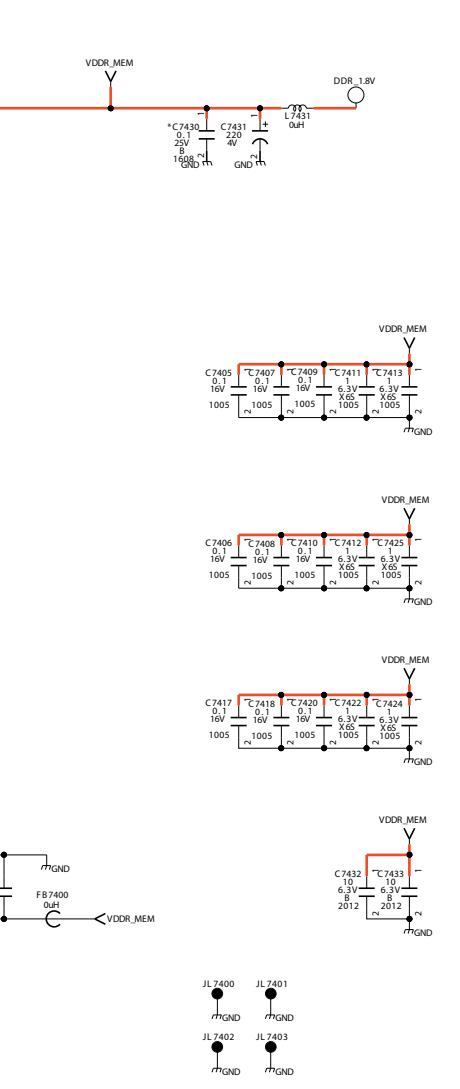
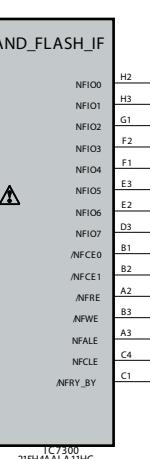
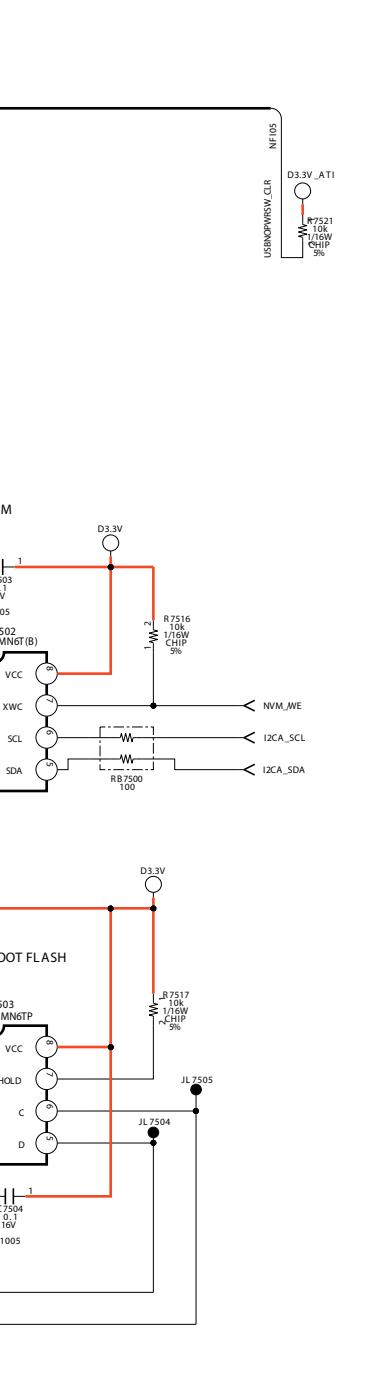
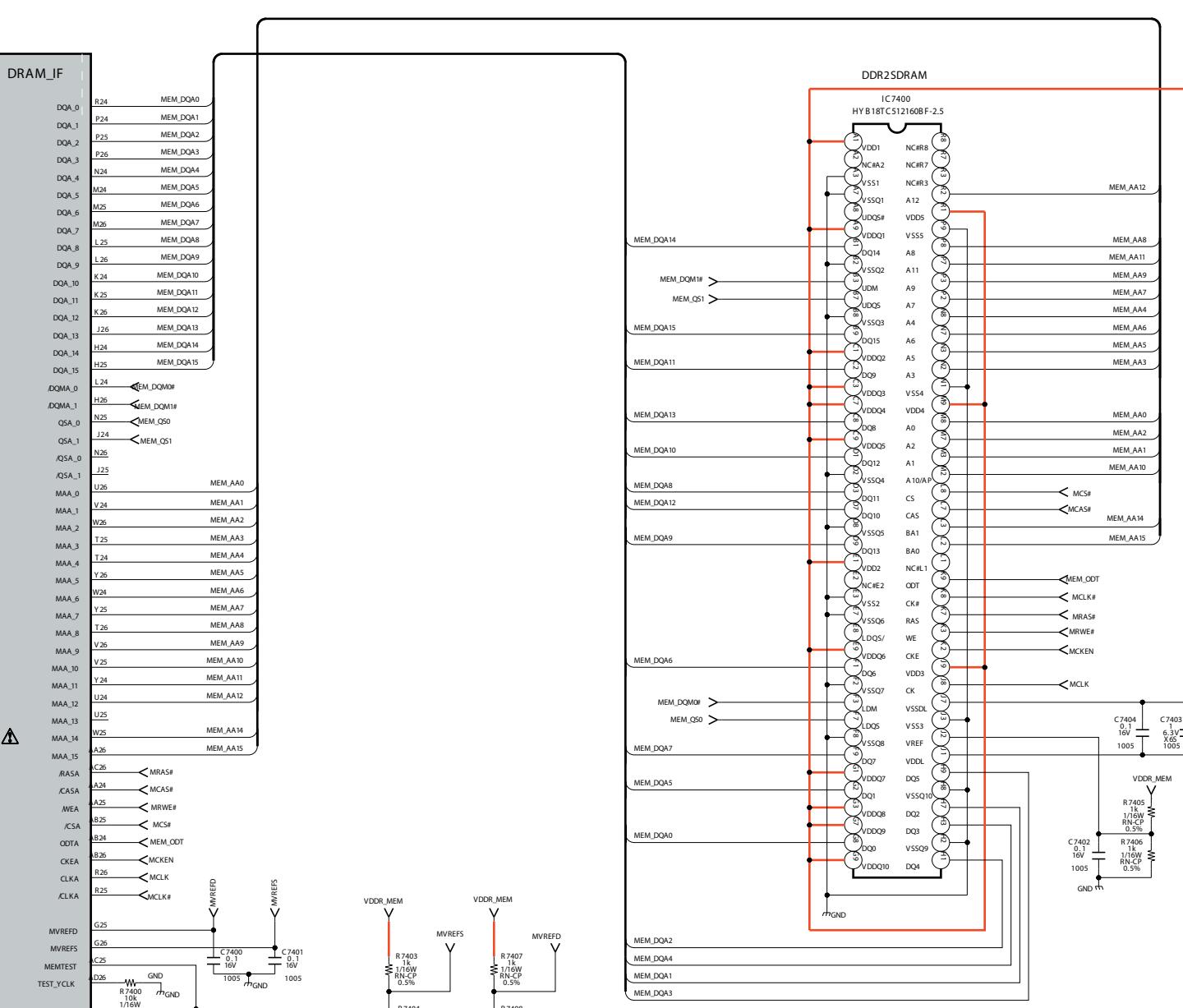


BU1 9/12

BU1 BOARD SCHEMATIC DIAGRAM (10 OF 12)

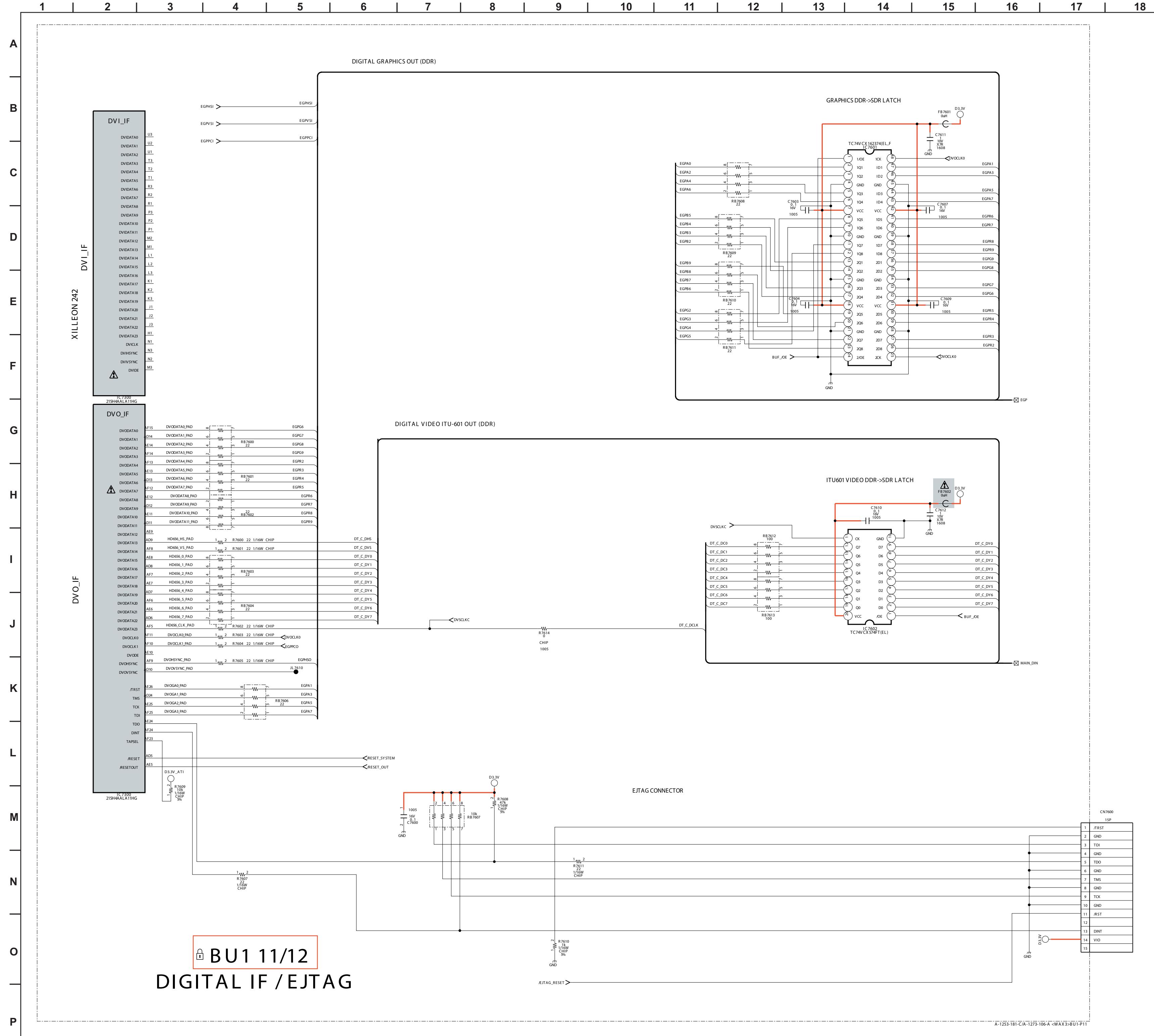
A horizontal number line with tick marks labeled from 1 to 21. The labels are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21.

DRAM PORT = 64MB

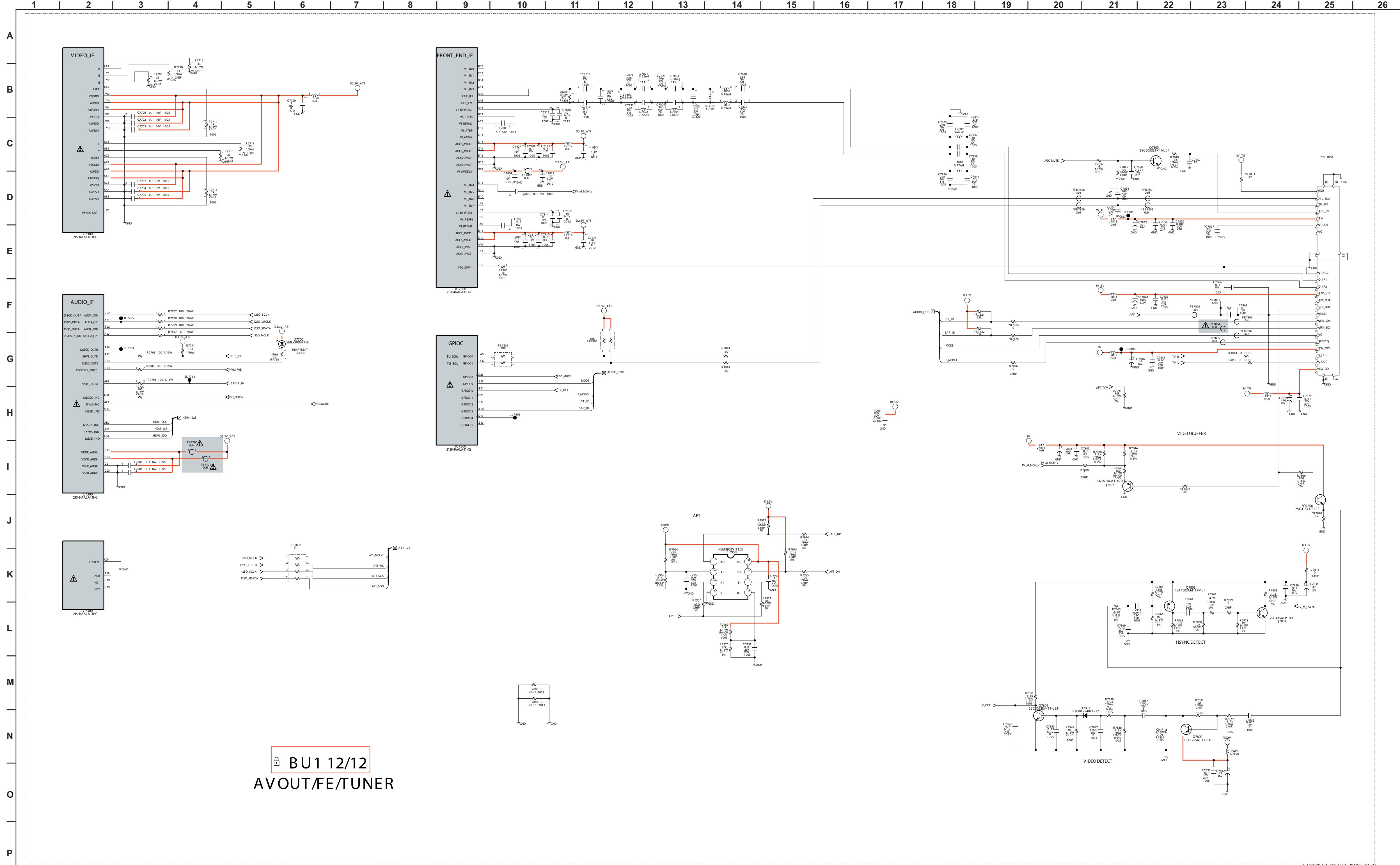


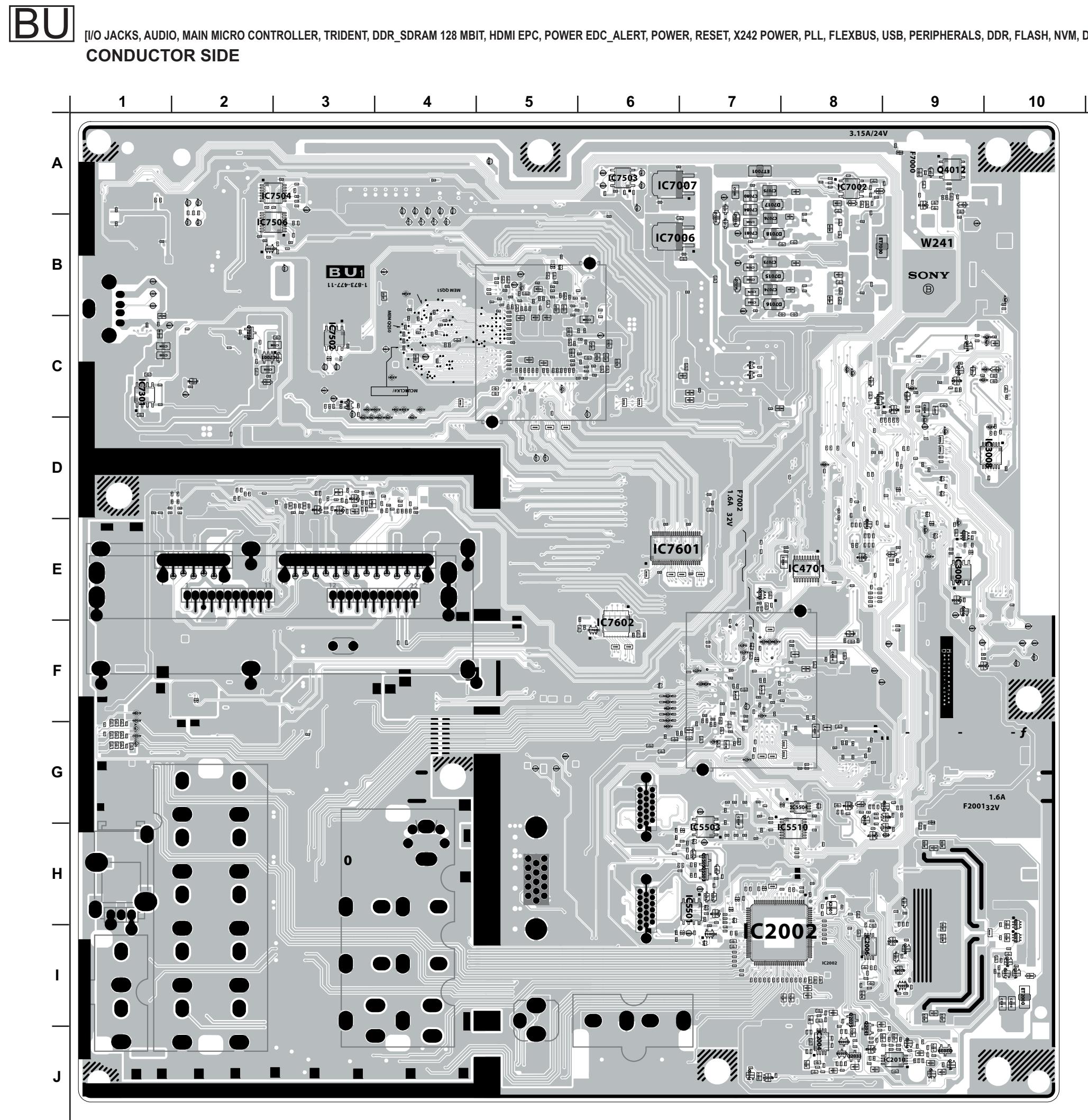
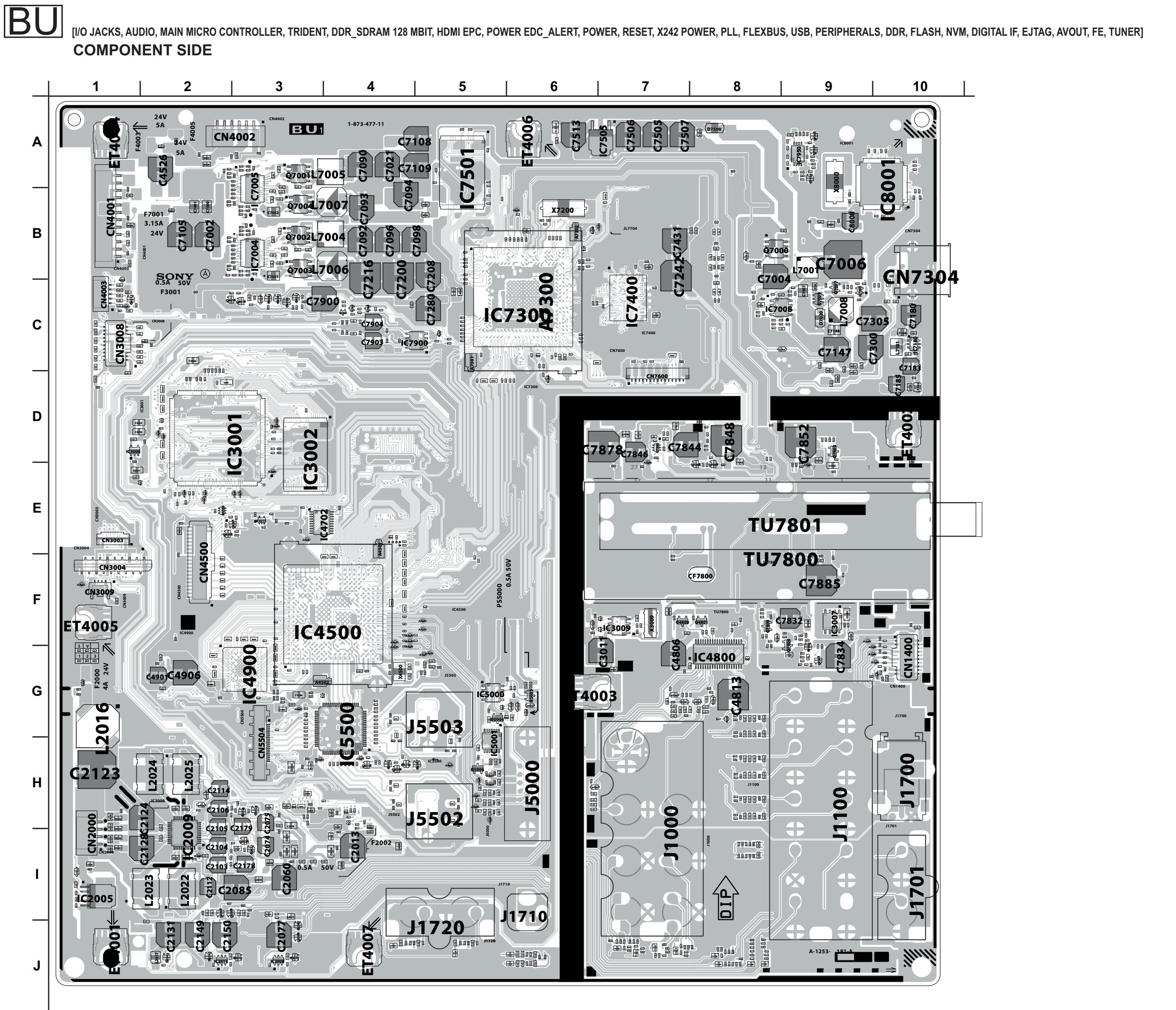
BU1 10/12

BU1 BOARD SCHEMATIC DIAGRAM (11 OF 12)

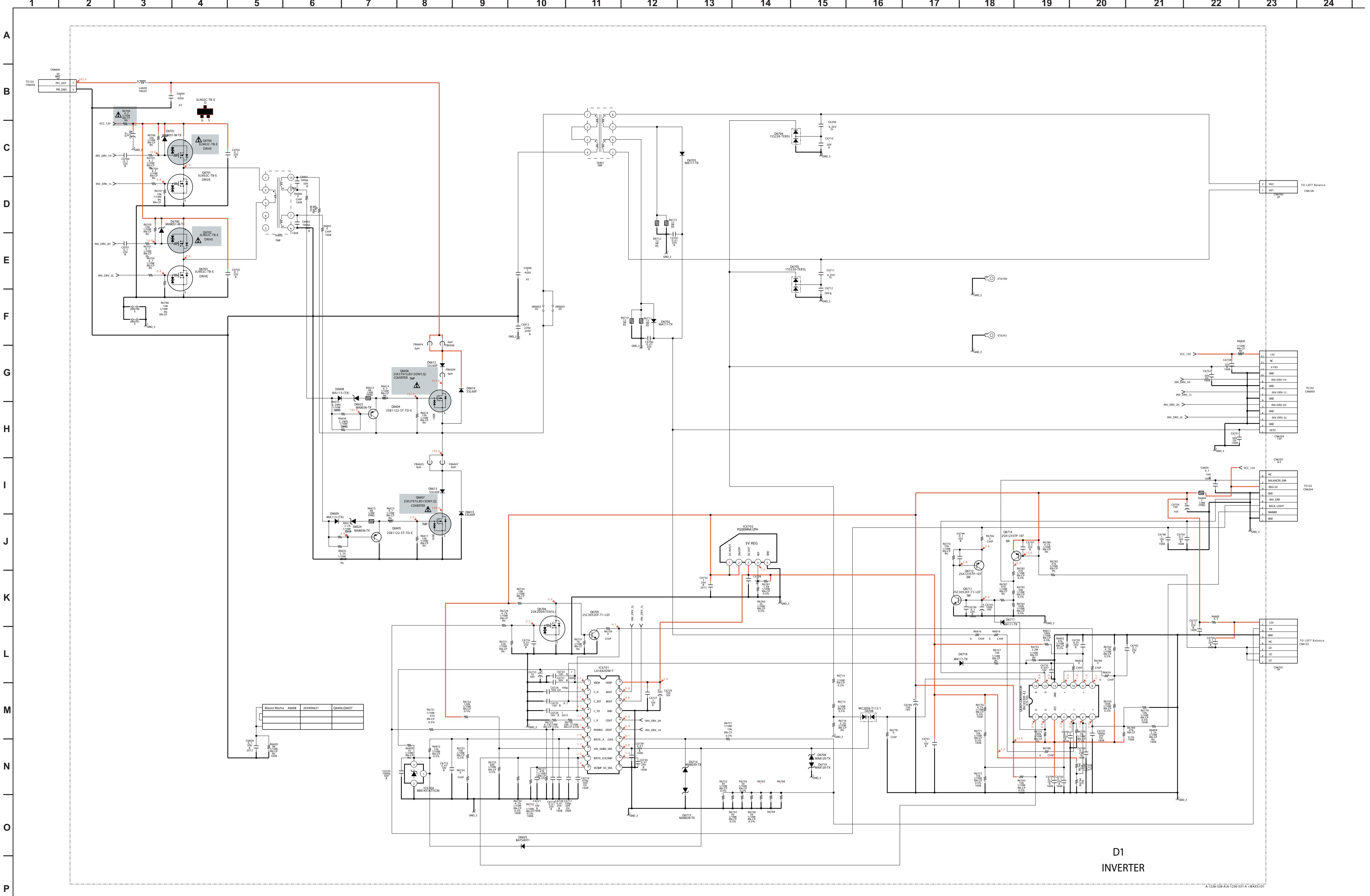


BU1 BOARD SCHEMATIC DIAGRAM (12 OF 12)

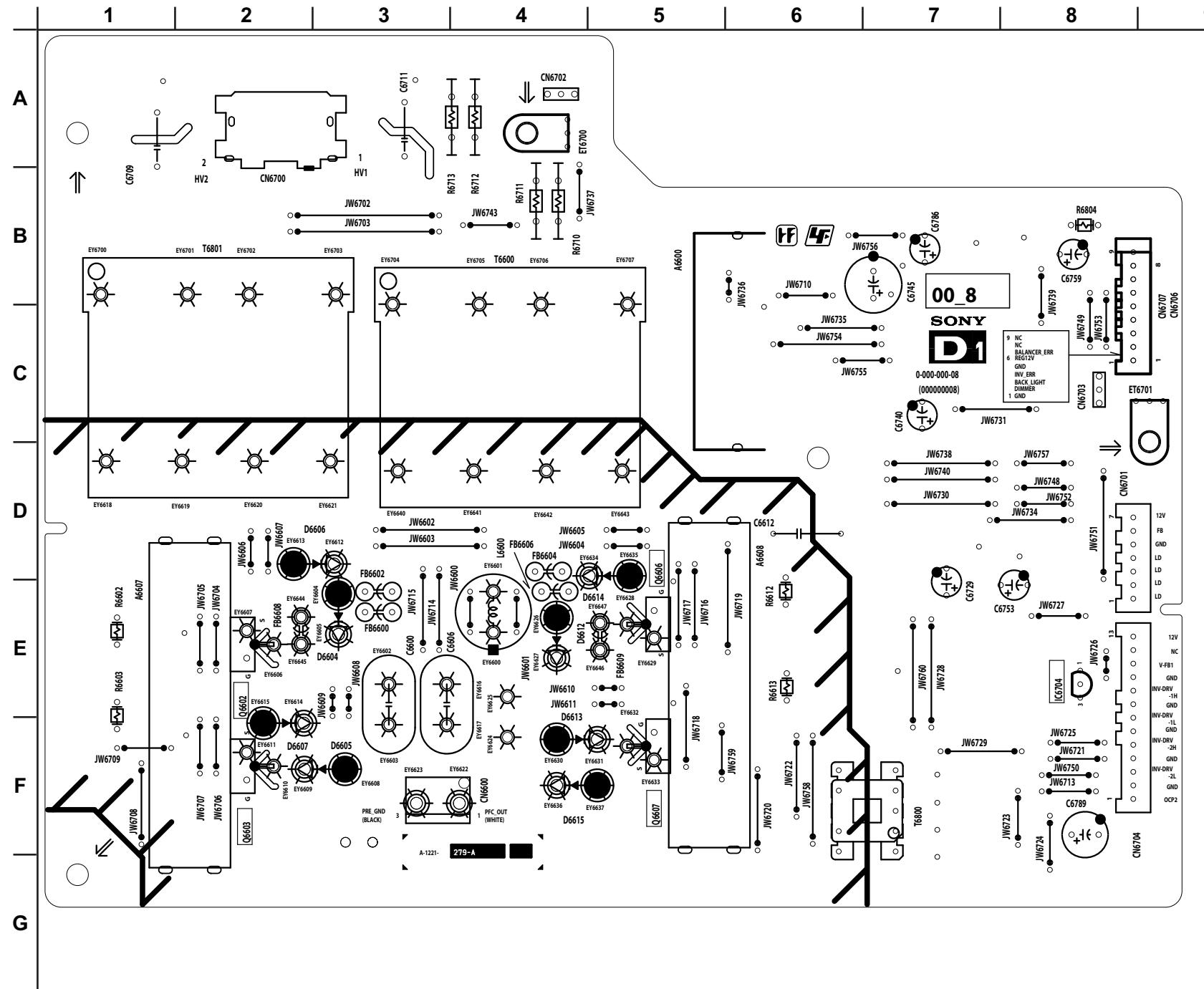




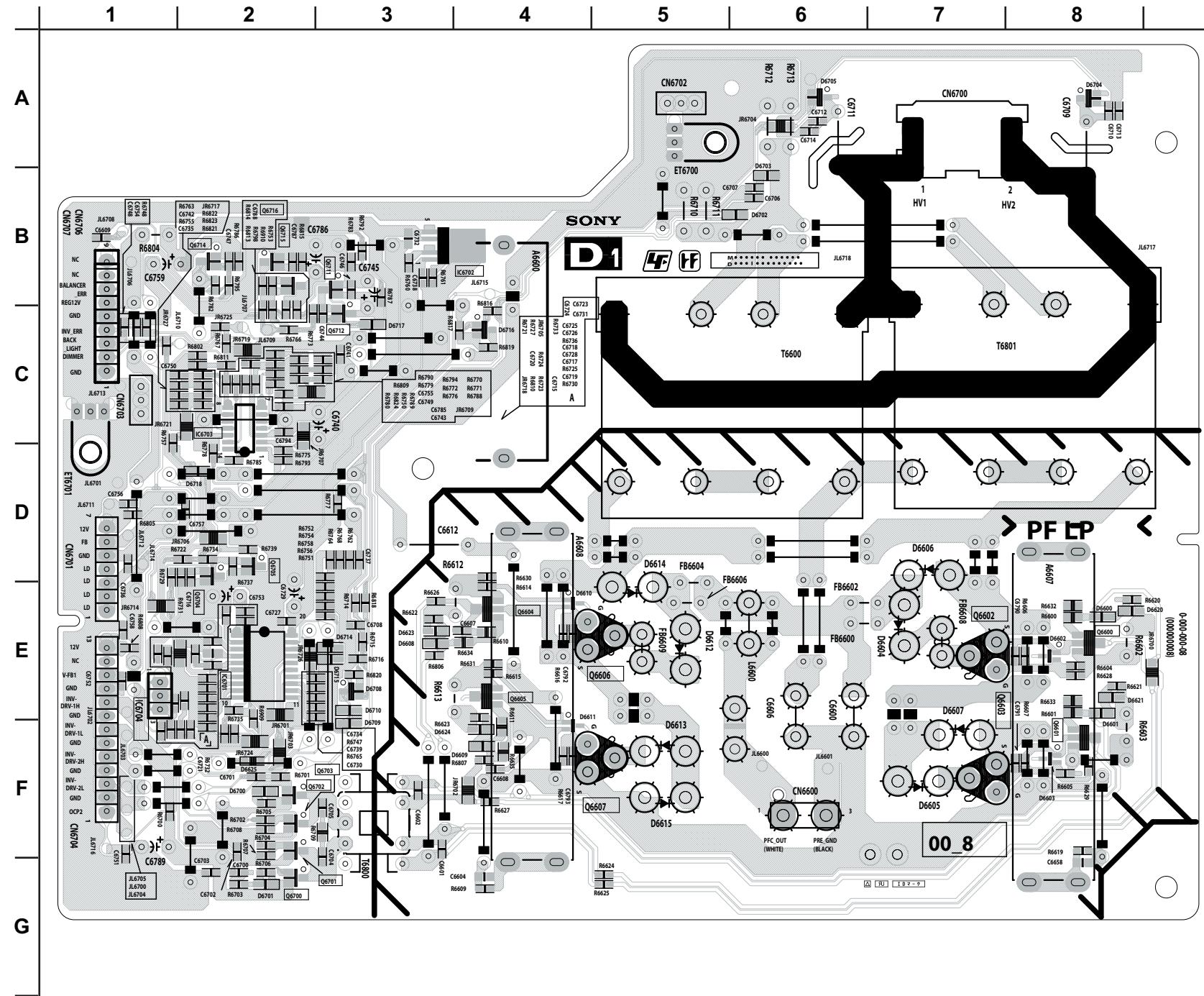
D1 BOARD SCHEMATIC DIAGRAM (KDL-40S3000 ONLY)



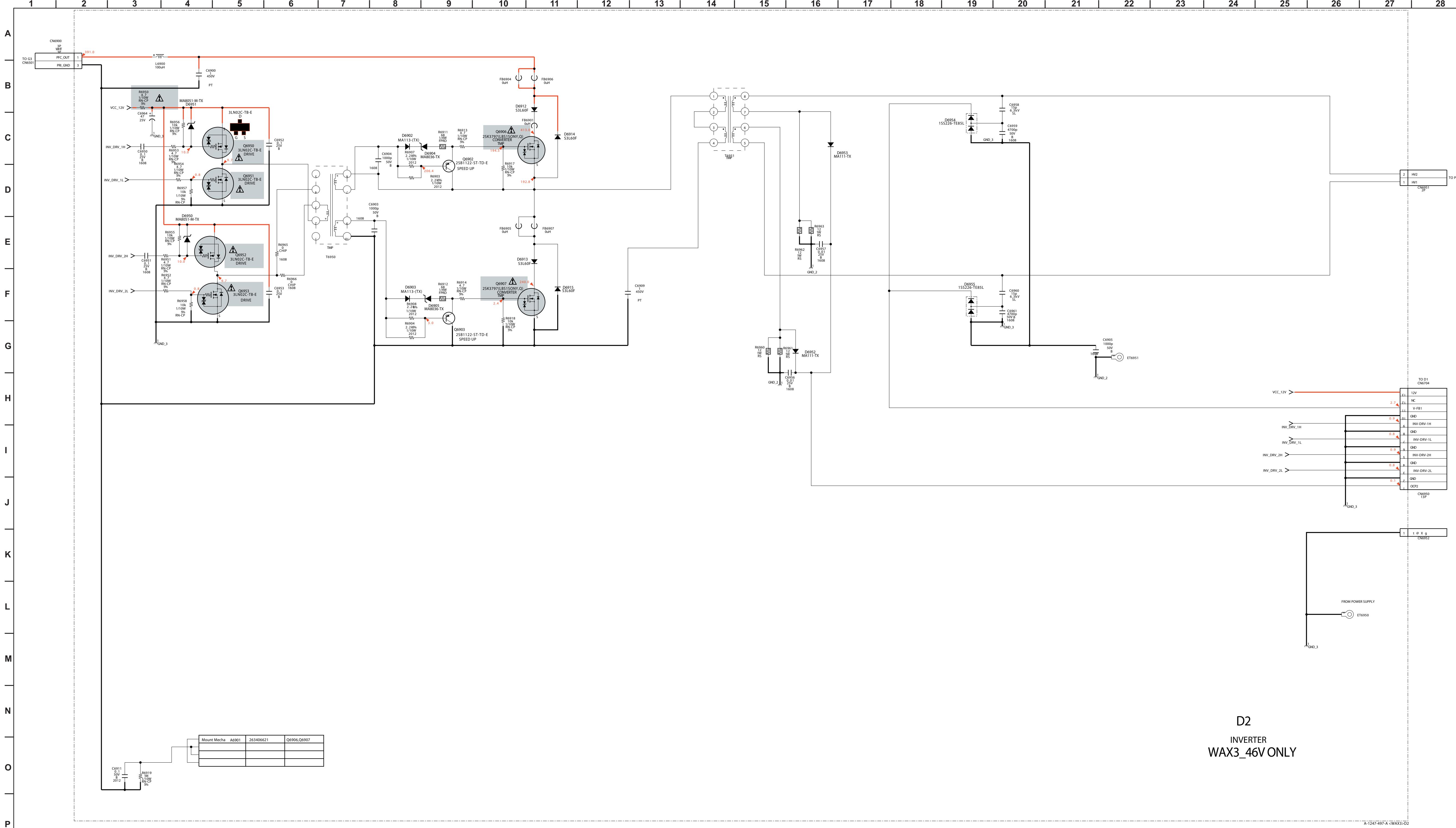
D1 [INVERTER]
COMPONENT SIDE (KDL-40S3000 ONLY)



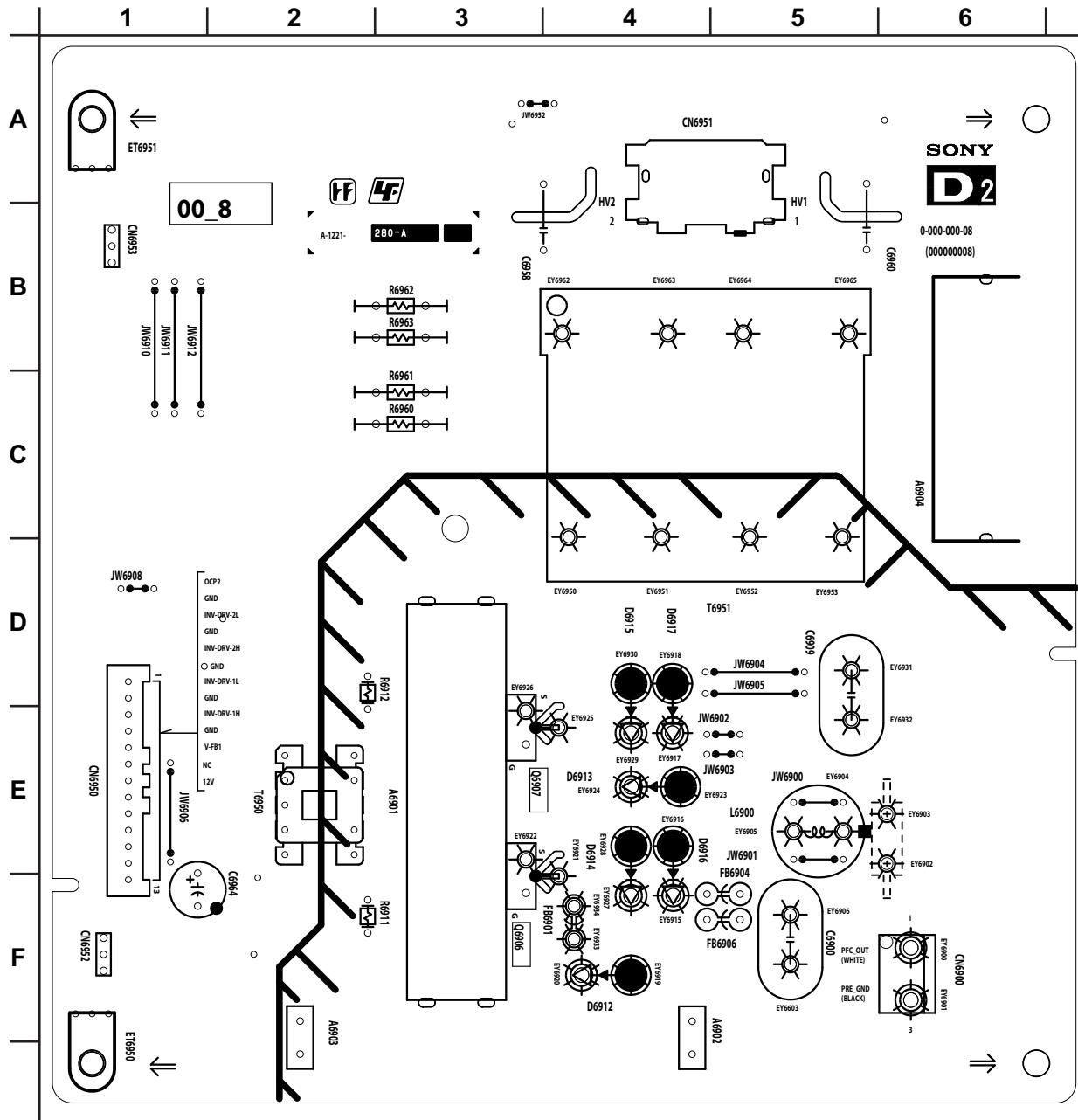
D1 [INVERTER]
CONDUCTOR SIDE (KDL-40S3000 ONLY)



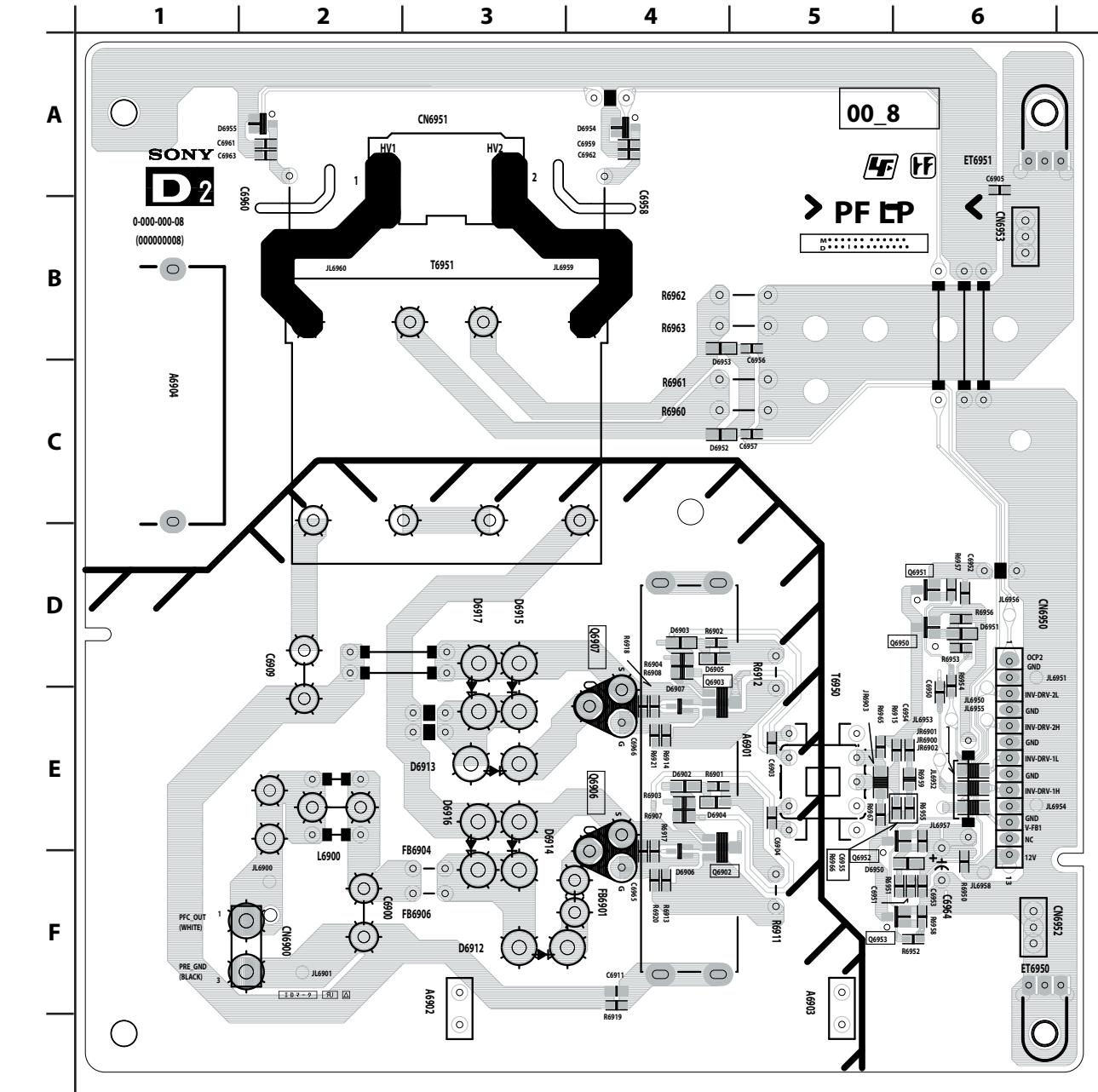
D2 BOARD SCHEMATIC DIAGRAM (KDL-46S3000 ONLY)



D2 [INVERTER] COMPONENT SIDE (KDL-46S3000 ONLY)



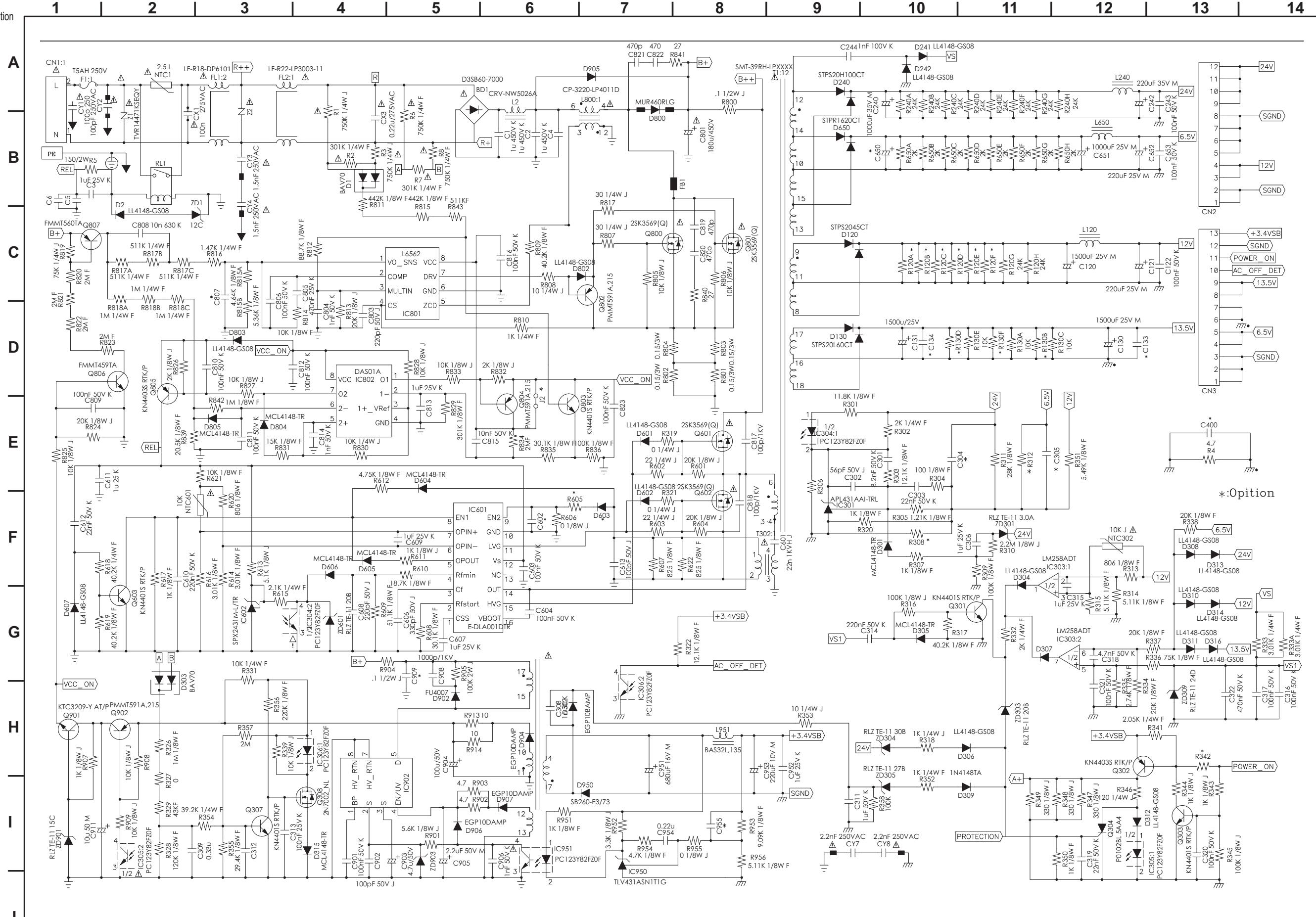
D2 [INVERTER]
CONDUCTOR SIDE (KDL-46S3000 ONLY)



G1D BOARD SCHEMATIC DIAGRAM (KDL-26S3000 ONLY)

This board is manufactured by a 3rd party. Component level repair information is not available.

G1D
[POWER SUPPLY]
**PWB IS
NOT AVAILABLE**

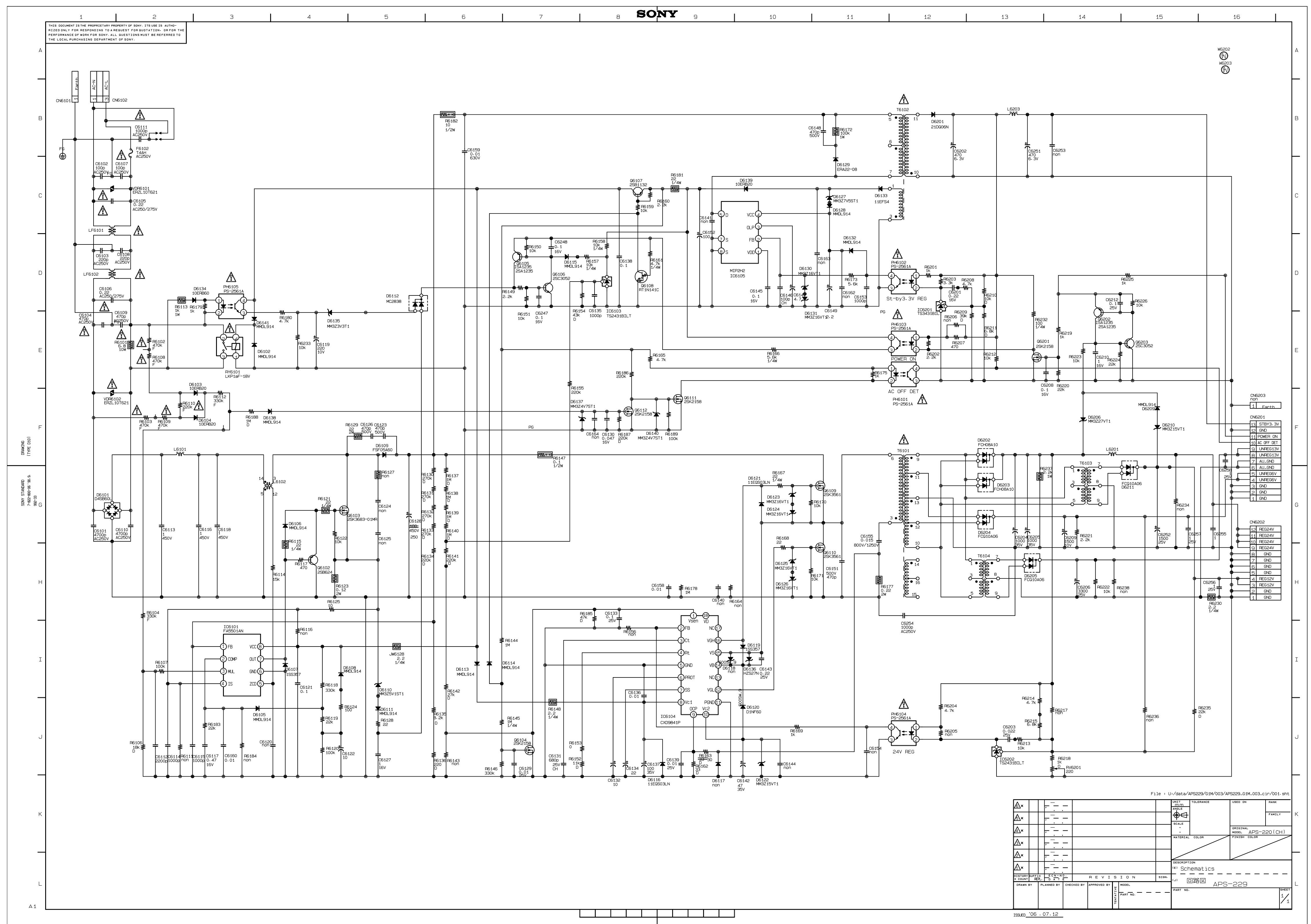


G1H BOARD SCHEMATIC DIAGRAM (POWER SUPPLY) (KDL-32S3000 ONLY)

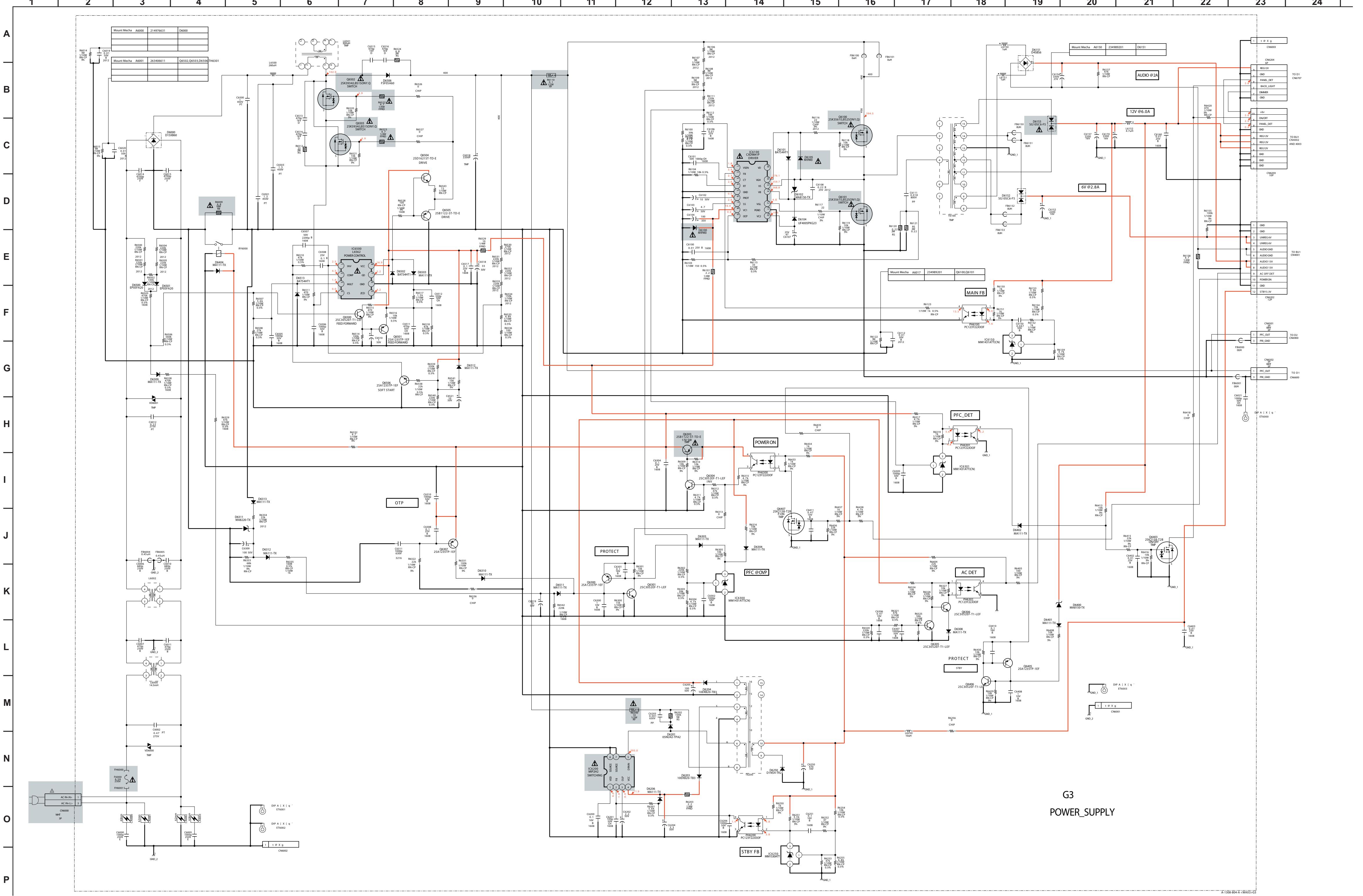
This board is manufactured by a 3rd party. Component level repair information is not available.

211

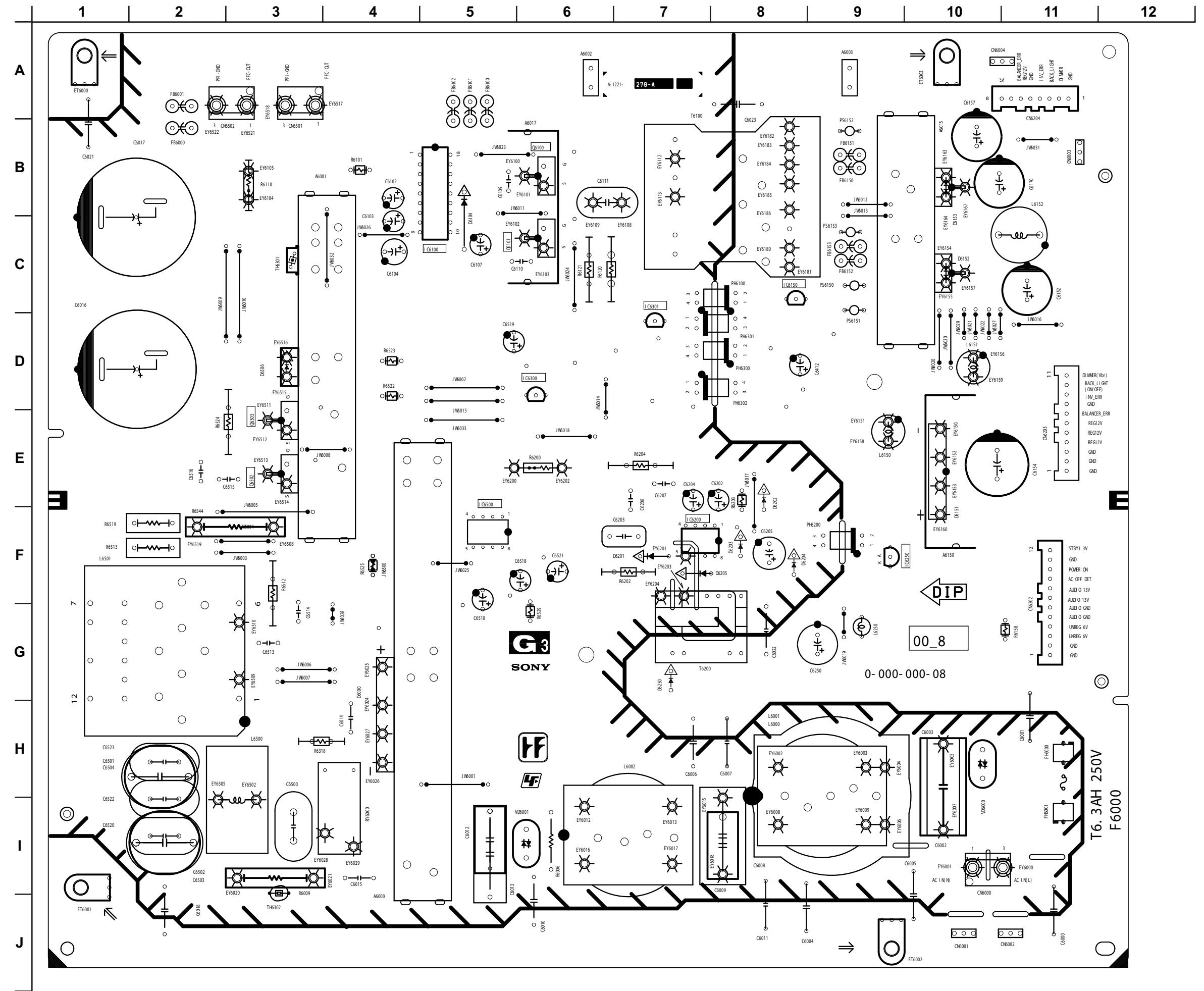
G1H [POWER SUPPLY]
PWB IS NOT AVAILABLE



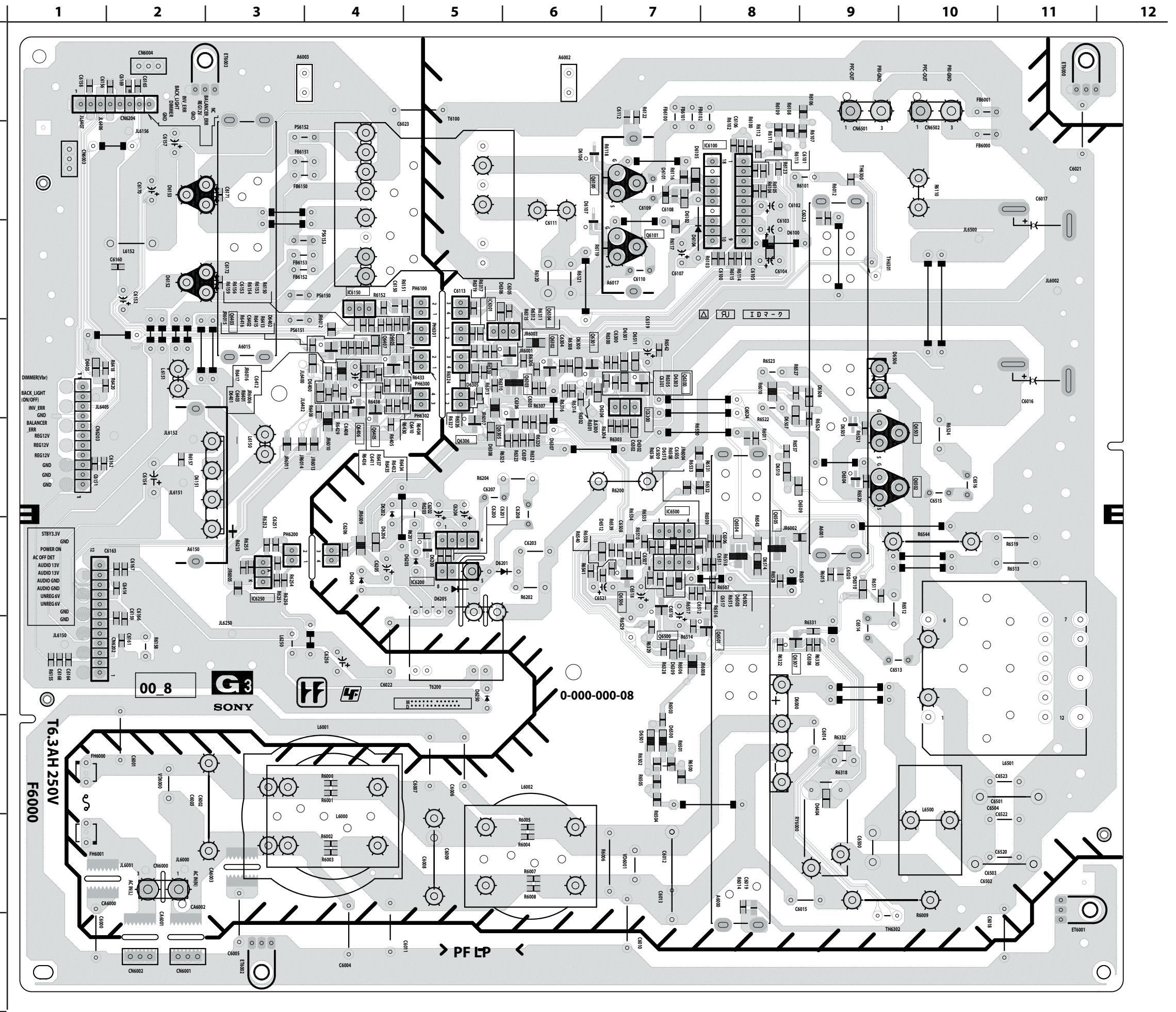
G3 BOARD SCHEMATIC (POWER SUPPLY) (KDL-40S3000/46S3000 ONLY)



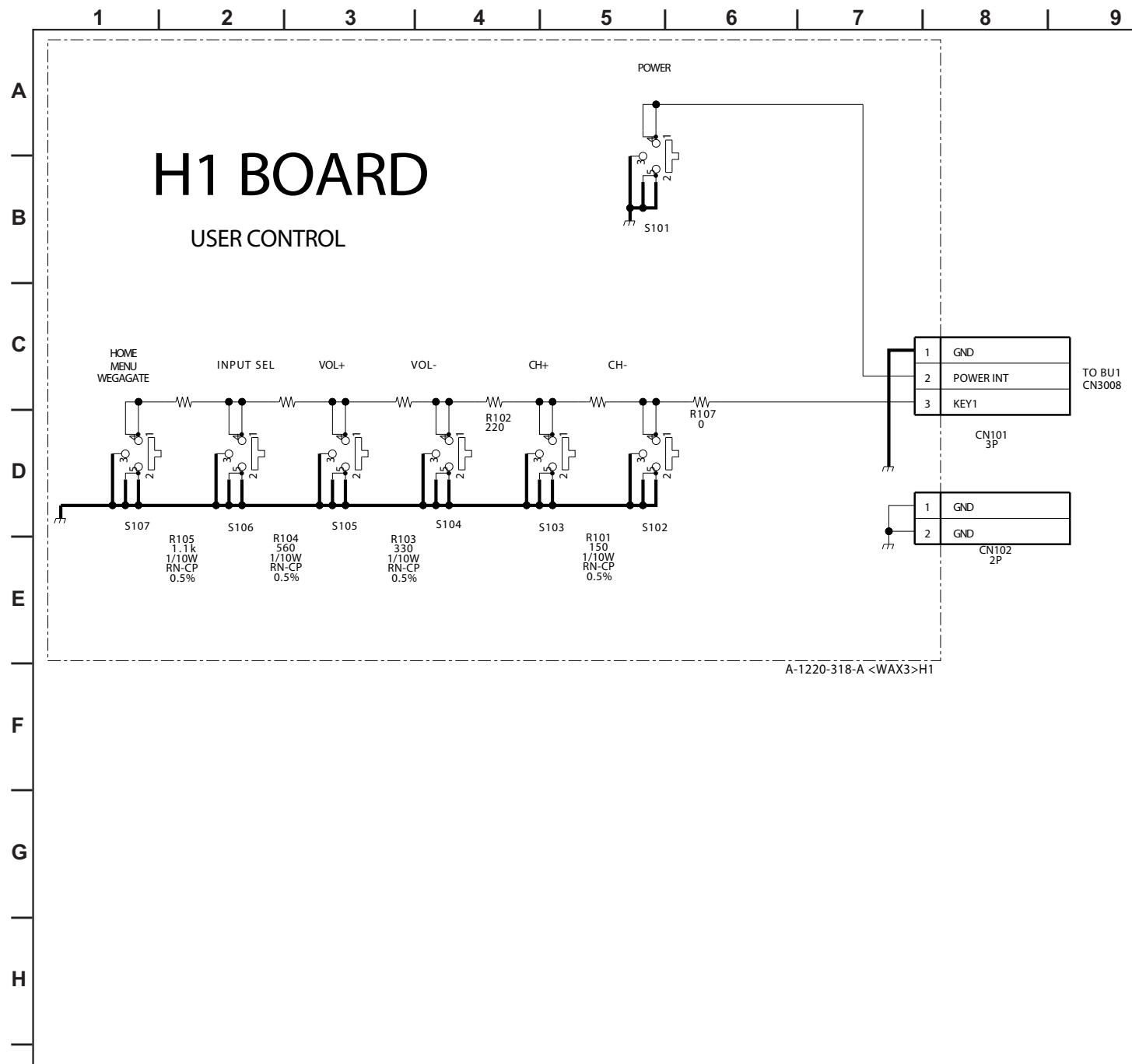
G3 [POWER SUPPLY] **COMPONENT SIDE (KDL-40S3000/46S3000 ONLY)**



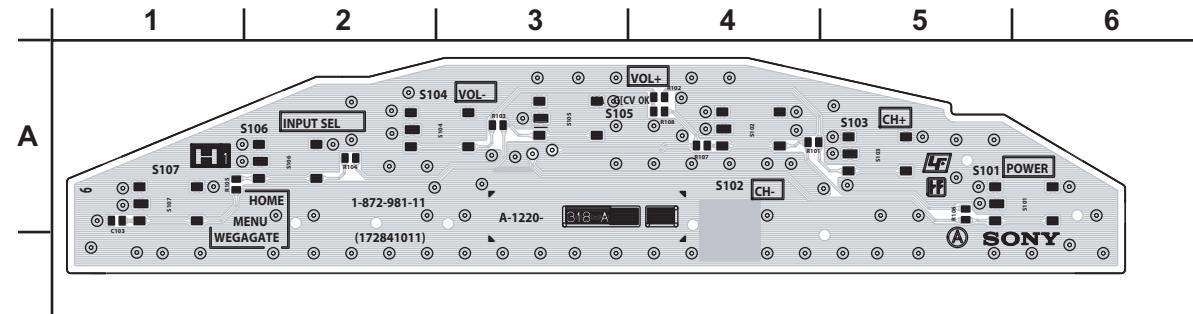
G3 [POWER SUPPLY] COMPONENT SIDE (KDL-40S3000/46S3000 ONLY)



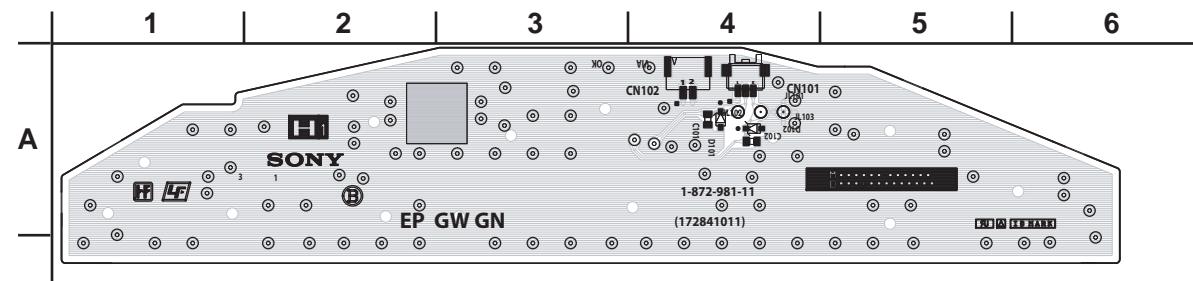
H1 BOARD SCHEMATIC DIAGRAM



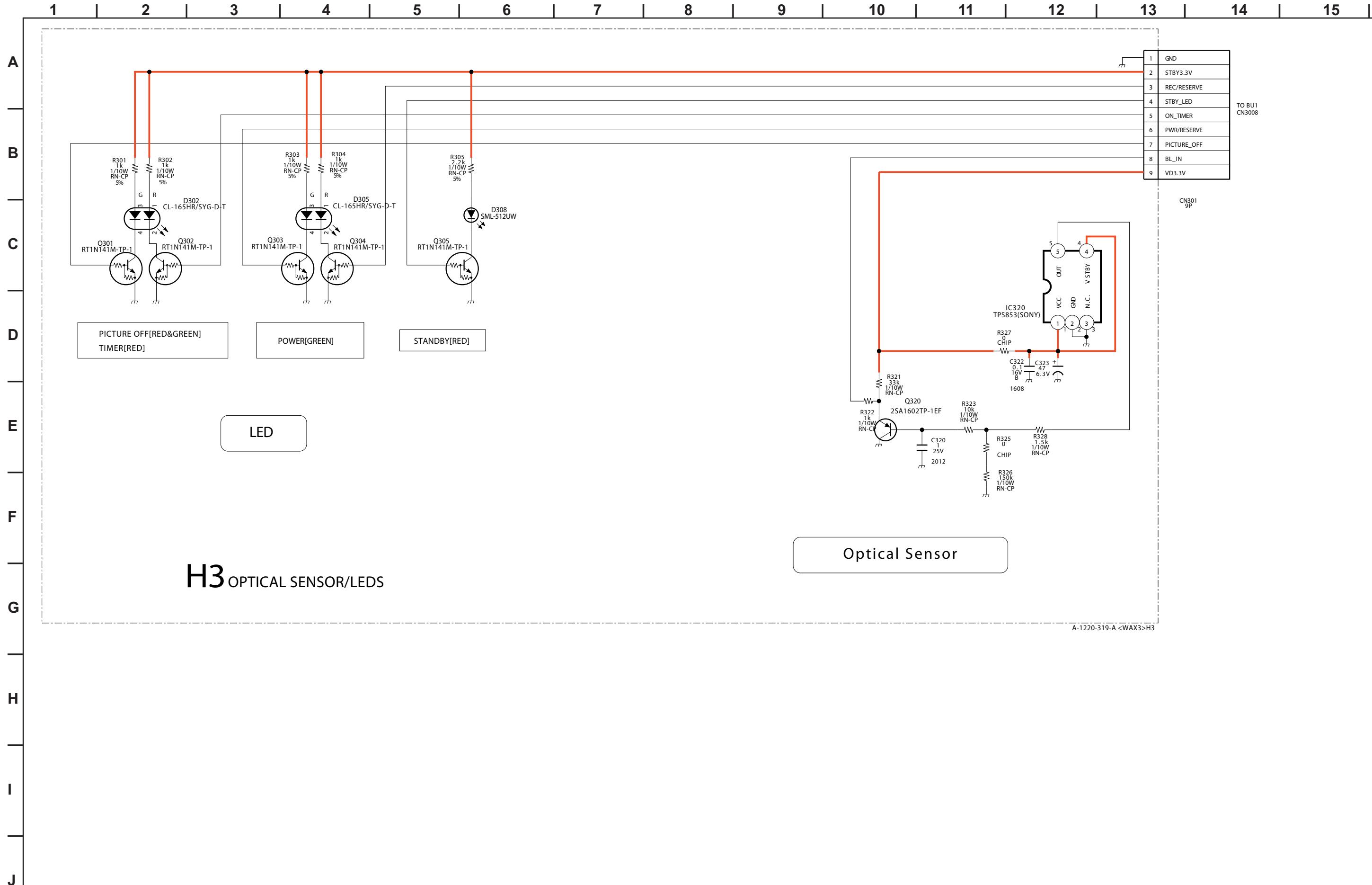
H1 [USER CONTROL]
COMPONENT SIDE



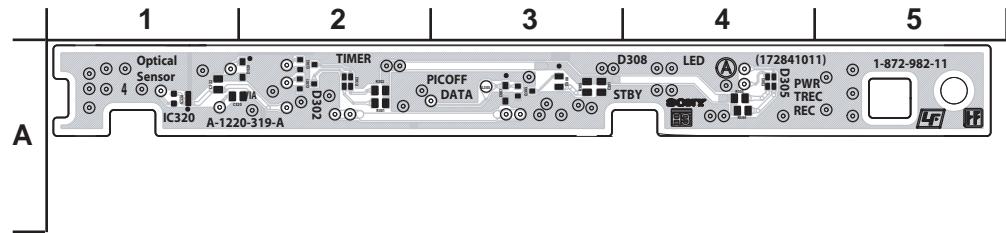
H1 [USER CONTROL]
CONDUCTOR SIDE



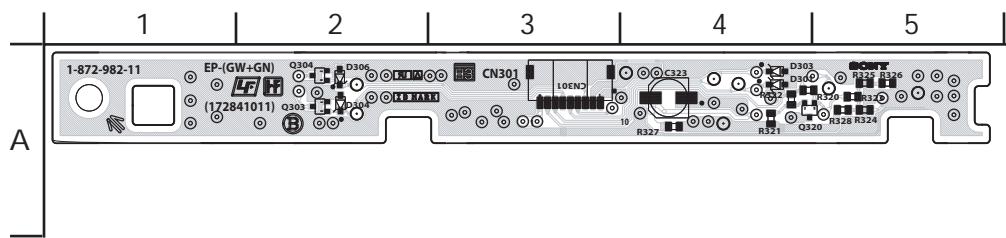
H3 BOARD SCHEMATIC DIAGRAM



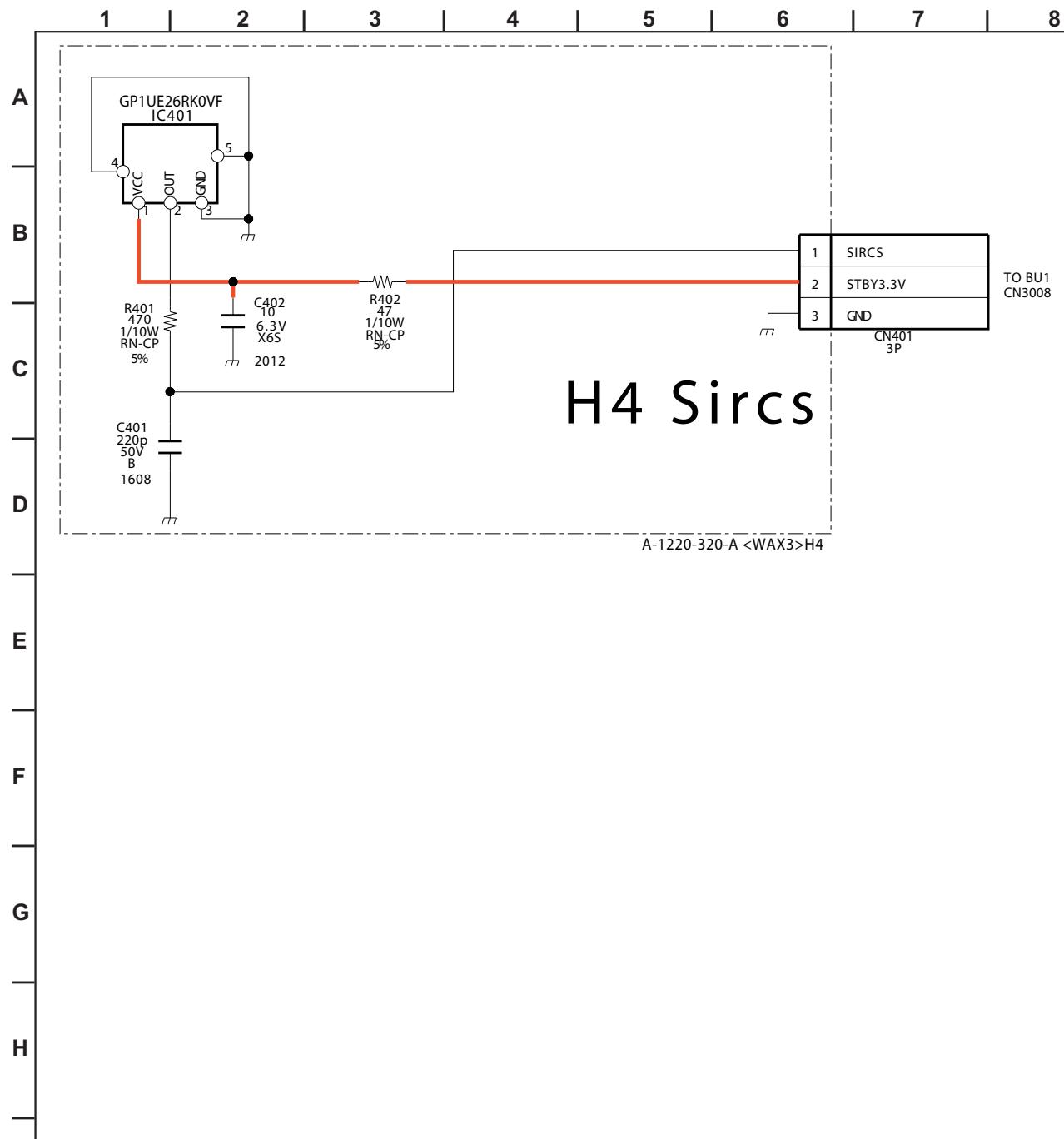
H3 [OPTICAL SENSOR, LED] COMPONENT SIDE

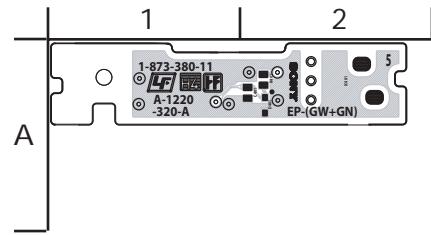
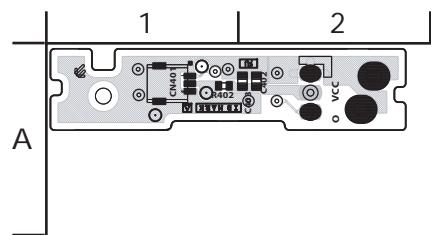


H3 [OPTICAL SENSOR, LED] CONDUCTOR SIDE

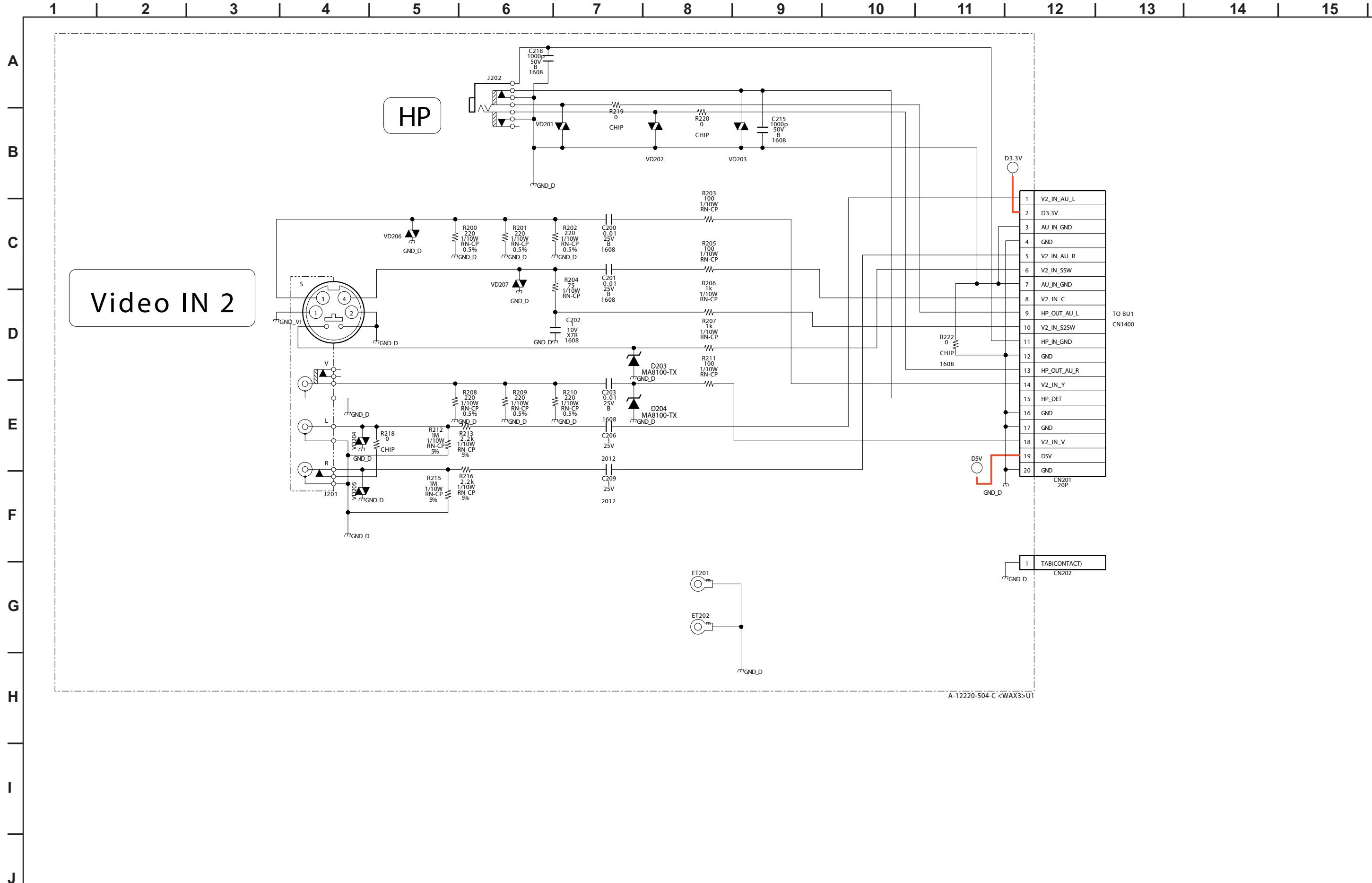


H4 BOARD SCHEMATIC DIAGRAM

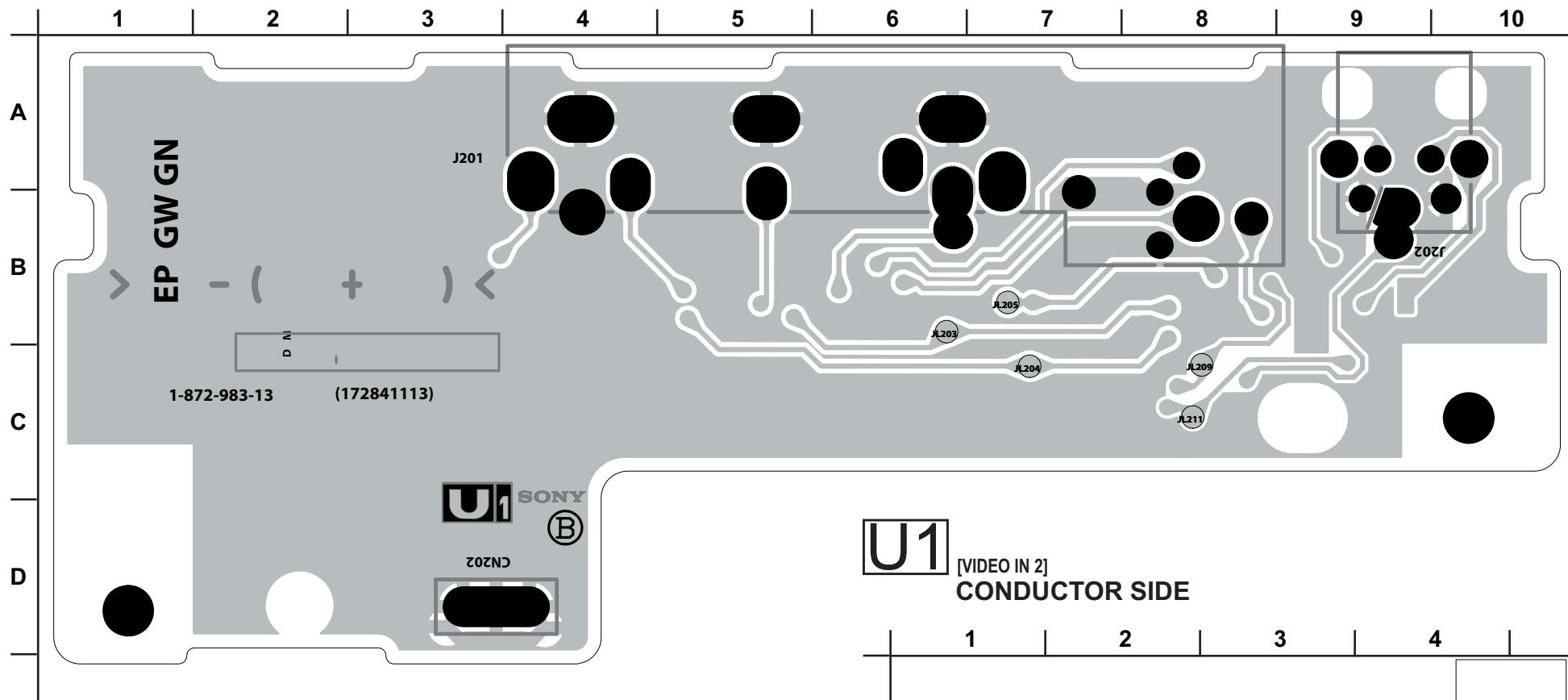


H4 [SIRCS]
COMPONENT SIDE**H4** [SIRCS]
CONDUCTOR SIDE

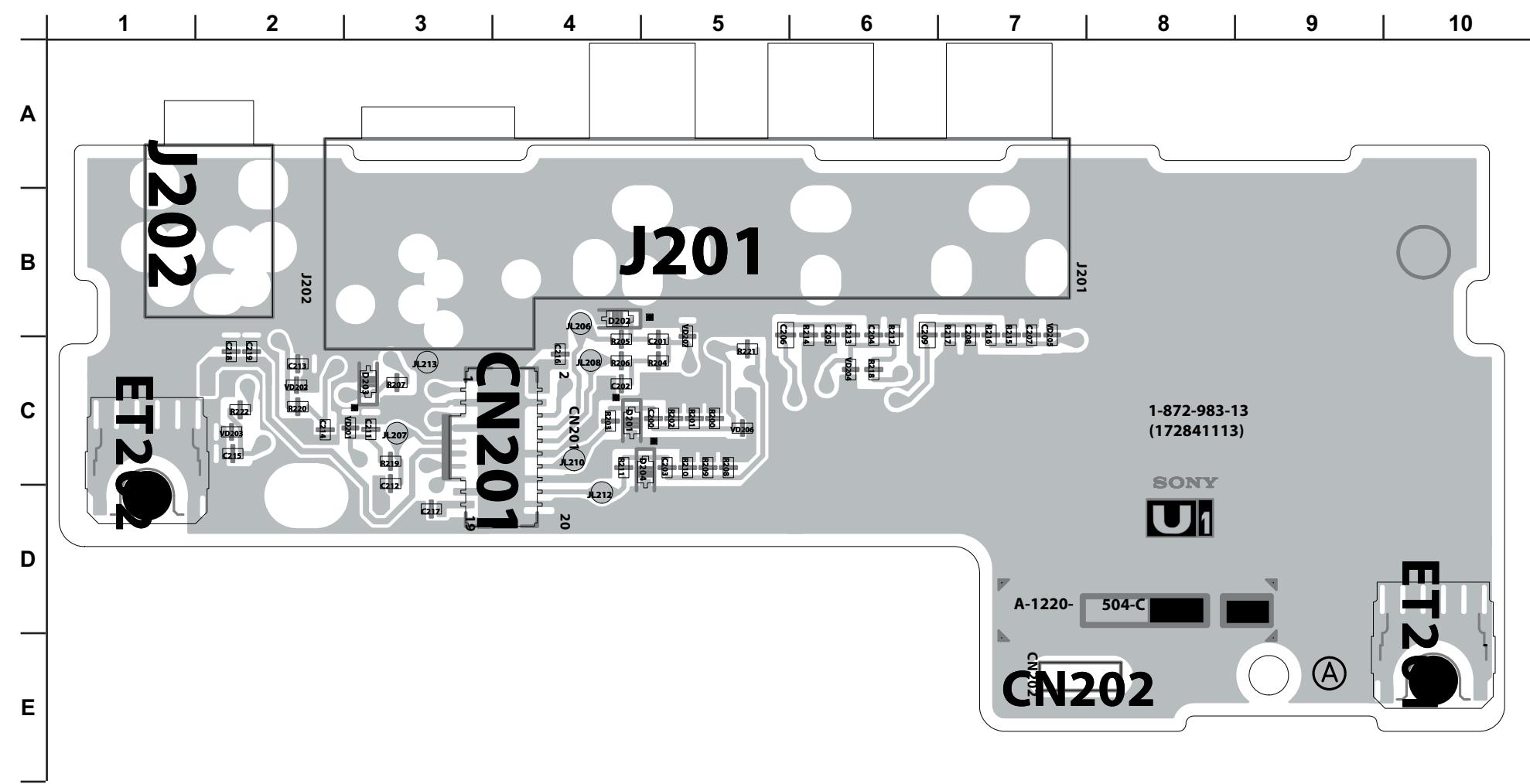
U1 BOARD SCHEMATIC DIAGRAM



U1 [VIDEO IN 2]
COMPONENT SIDE



U1 [VIDEO IN 2]
CONDUCTOR SIDE



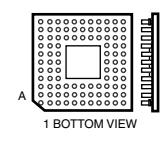
3-5. SEMICONDUCTORS

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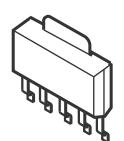
BA00AST-V5



EM6A9320BI-5MG



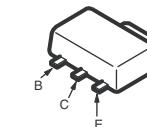
PQ1CY1032ZP



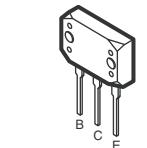
TRANSISTOR

DTC114EU
DTC114EUAFT106DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN22112PA1576R-115
2PC4081R-115
2PD601AR-1152SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR2SA1774R
2SA1774TL-QR
2SC1623-L5L62SC2412K-T146-QR
2SC4081-R
2SC4081T106R2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX

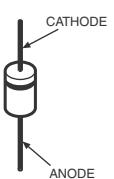
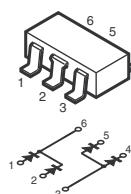
2SK2158-T2B

2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E

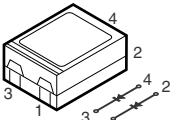
2SD2114KT146



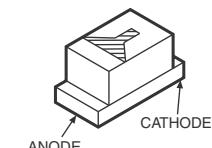
DIODE

BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1D1NL40-TA2
D1NL40-TR2
ERA22-08HN1D03FU-TE85L
HN1D03FU-TE85R

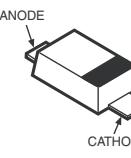
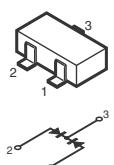
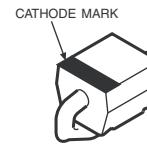
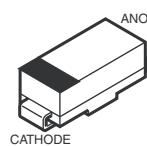
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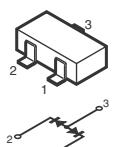
SML-310LTT86



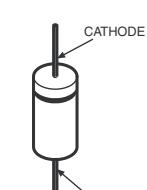
M1FM3

MA132WK
MA132WK-TX
MA151WK-TX
1SS184EC10QS-04
EC10QS04-TE12L5EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B

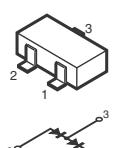
UMZ16NT106



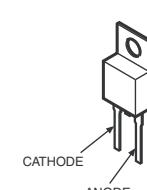
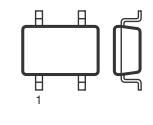
ERA22-08KFLB



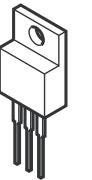
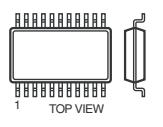
1PS302



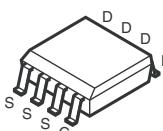
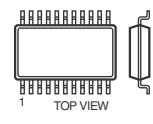
FSF05A60

BA18BC0FP-E2
BA25BC0FP-E2

L88M05T-FA-TL

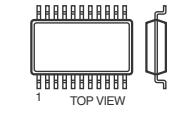
SN74LV132APWR
SN74LVC14APWR

FDS6690A

BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM7SCIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR

8Pin SOP

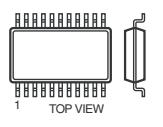
MM1431ATT



TK11819MTL



M52347FP-TE



14Pin SOP

STR-A6169

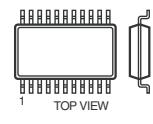


20Pin SOP

HN1B01FU-TE85R



8Pin DIP

CD4052BNSR
FMS6418AM16X

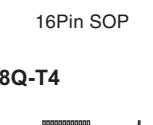
16Pin SOP

TK11819MTL



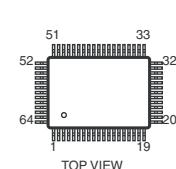
6Pin CHIP

CXA2188Q-T4

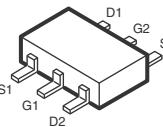


40Pin QFP

NJW1149AFH1

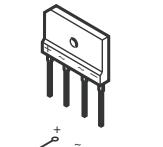


SSM6N15FU(TE85R)



40Pin QFP

D10SC6M



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

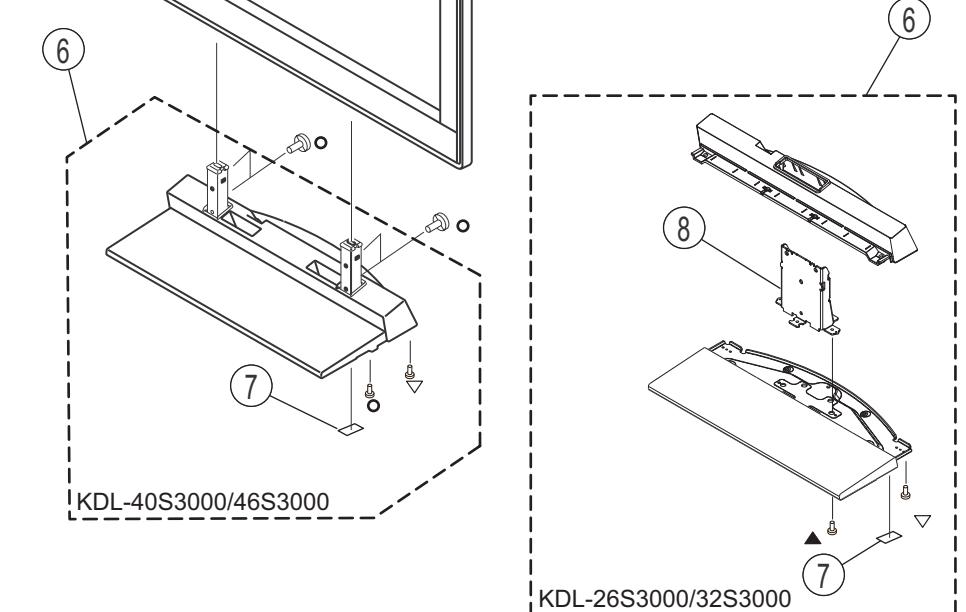
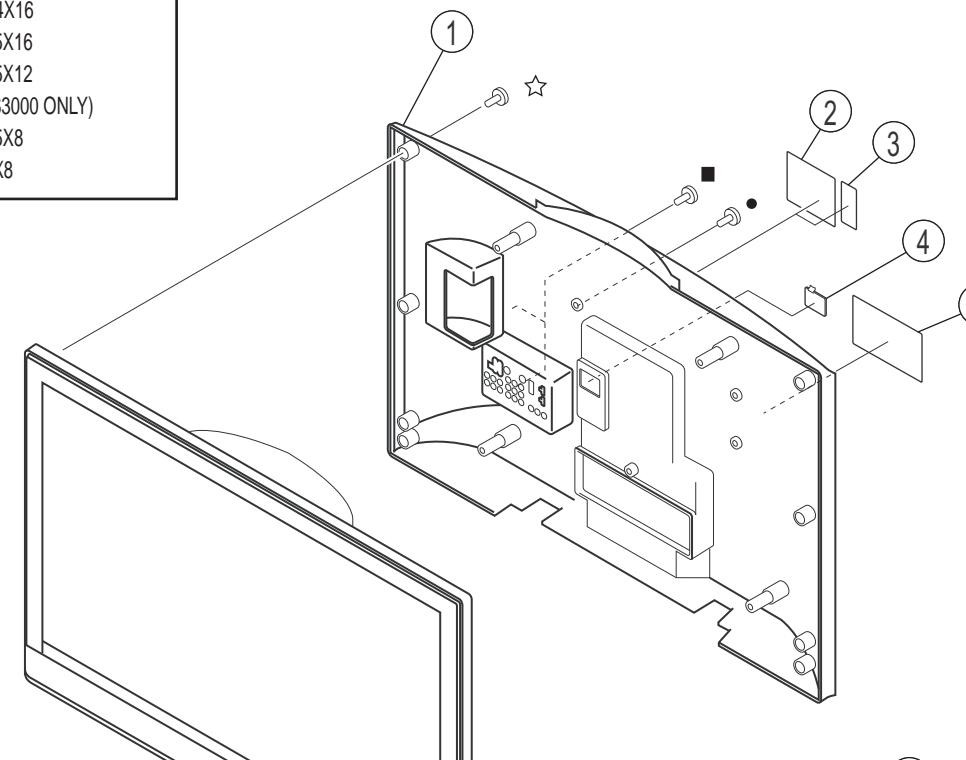
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifique.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER AND STAND ASSEMBLY

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)

 7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
 2-580-640-01	SCREW, +BVTP2 4X16
 2-580-608-01	SCREW, +PSW M5X16
 2-580-607-01	SCREW, +PSW M5X12 (KDL-40S3000/46S3000 ONLY)
 2-580-606-01	SCREW, +PSW M5X8
 2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-100-157-01	COVER, REAR (26) (KDL-26S3000 ONLY)		* 5	3-215-345-01	LABEL, INFORMATION (KDL-32S3000 ONLY)	
1	3-097-972-01	COVER, REAR (32) (KDL-32S3000 ONLY)		* 5	3-197-045-01	LABEL, INFORMATION (KDL-40S3000 ONLY)	
1	X-2179-398-1	COVER ASSEMBLY, REAR (40) (KDL-40S3000 ONLY)		* 5	3-215-344-11	LABEL, INFORMATION (KDL-46S3000 ONLY)	
1	3-098-013-01	COVER, REAR (46) (KDL-46S3000 ONLY)		* 5	3-215-344-01	LABEL, INFORMATION (KDL-46S3000 ONLY)	
1	3-098-010-01	COVER, REAR (46) (KDL-46S3000 ONLY)		6	A-1259-944-A	STAND (M_WS) ASSEMBLY (KDL-26S3000/32S3000 ONLY)	[7-8]
2	3-215-160-01	LABEL, REAR TERMINAL		6	A-1253-777-A	STAND (ML_WS) ASSEMBLY (KDL-40S3000 ONLY)	[7]
3	3-217-797-01	LABEL, HDMI		6	A-1253-776-A	STAND (L_WS) ASSEMBLY (KDL-46S3000 ONLY)	[7]
4	3-196-465-01	COVER, ECS		7	3-213-762-01	FOOT (15X30)	
* 5	3-215-346-01	LABEL, INFORMATION (KDL-26S3000 ONLY)		8	3-106-486-01	NECK (M) (KDL-26S3000/32S3000 ONLY)	

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

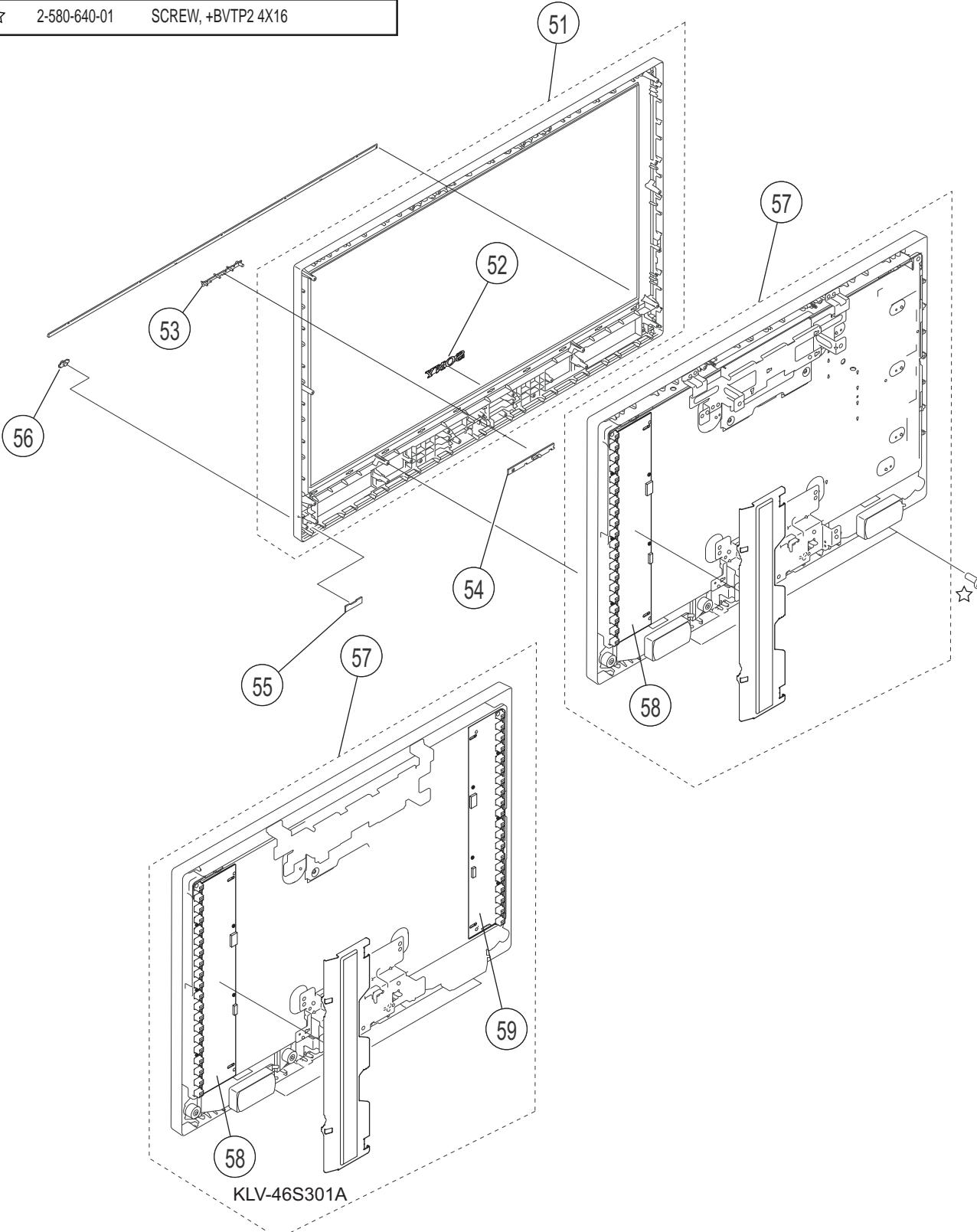
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. BEZEL ASSEMBLY AND LCD PANEL

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)

☆ 2-580-640-01 SCREW, +BVTP2 4X16



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2178-399-1	BEZEL (26SU) ASSEMBLY (KDL-26S3000 ONLY)	[52]	57	1-802-368-12	LCD PANEL (26INCH WXGA TFT) (KDL-26S3000 ONLY)	[58]
51	X-2187-892-1	GREEN BEZEL ASSEMBLY (26SU-G) (KDL-26S3000 ONLY)	[52-53, 56]	57	1-802-380-12	LCD PANEL (32INCH WXGA TFT) (KDL-32S3000 ONLY)	[58]
51	X-2187-893-1	LT BLUE BEZEL ASSEMBLY (26SU-LI) (KDL-26S3000 ONLY)	[52-53, 56]	57	1-802-410-11	LCD PANEL (40INCH WXGA TFT) (KDL-40S3000 ONLY)	[58]
51	X-2187-890-1	PINK BEZEL ASSEMBLY (26SU-P) (KDL-26S3000 ONLY)	[52-53, 56]	57	1-802-409-21	LCD PANEL (46INCH WXGA TFT) (KDL-46S3000 ONLY)	[58-59]
51	X-2187-895-1	RED BEZEL ASSEMBLY (26SU-R) (KDL-26S3000 ONLY)	[52-53, 56]	58	1-789-780-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-26S3000 ONLY)	
51	X-2187-889-1	WHITE BEZEL ASSEMBLY (26SU-W) (KDL-26S3000 ONLY)	[52-53, 56]	58	1-789-785-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-32S3000 ONLY)	
51	X-2176-650-1	BEZEL (32SU) ASSEMBLY (KDL-32S3000 ONLY)	[52]	58	1-789-771-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-40S3000 ONLY)	
51	X-2187-899-1	GREEN BEZEL ASSY (32SU-G) (KDL-32S3000 ONLY)	[52-53, 56]			(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)	
51	X-2187-900-1	LIGHT BLUE BEZEL ASSY (32SU-LI) (KDL-32S3000 ONLY)	[52-53, 56]	58	1-789-787-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (LT) (KDL-46S3000 ONLY)	
51	X-2187-897-1	PINK BEZEL ASSY (32SU-P) (KDL-32S3000 ONLY)	[52-53, 56]			(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)	
51	X-2187-902-1	RED BEZEL ASSY (32SU-R) (KDL-32S3000 ONLY)	[52-53, 56]	59	1-789-788-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (RT) (KDL-46S3000 ONLY)	
51	X-2187-896-1	WHITE BEZEL ASSY (32SU-W) (KDL-32S3000 ONLY)	[52-53, 56]			(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)	
51	X-2176-651-1	BEZEL (40SU) ASSEMBLY (KDL-40S3000 ONLY)					
51	X-2176-652-1	BEZEL (46SU) ASSEMBLY (KDL-46S3000 ONLY)					
52	4-103-642-21	EMBLEM, SONY NO.8					
53	3-096-948-01	GUIDE, LED (S)					
54	A-1220-319-A	H3 BOARD, MOUNTED					
55	A-1220-320-A	H4 BOARD, MOUNTED					
56	3-094-434-11	GUIDE, LIGHT (S) S (KDL-26S3000 ONLY)					
56	3-097-341-11	GUIDE, LIGHT (S) L (KDL-32S3000/40S3000/46S3000 ONLY)					

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

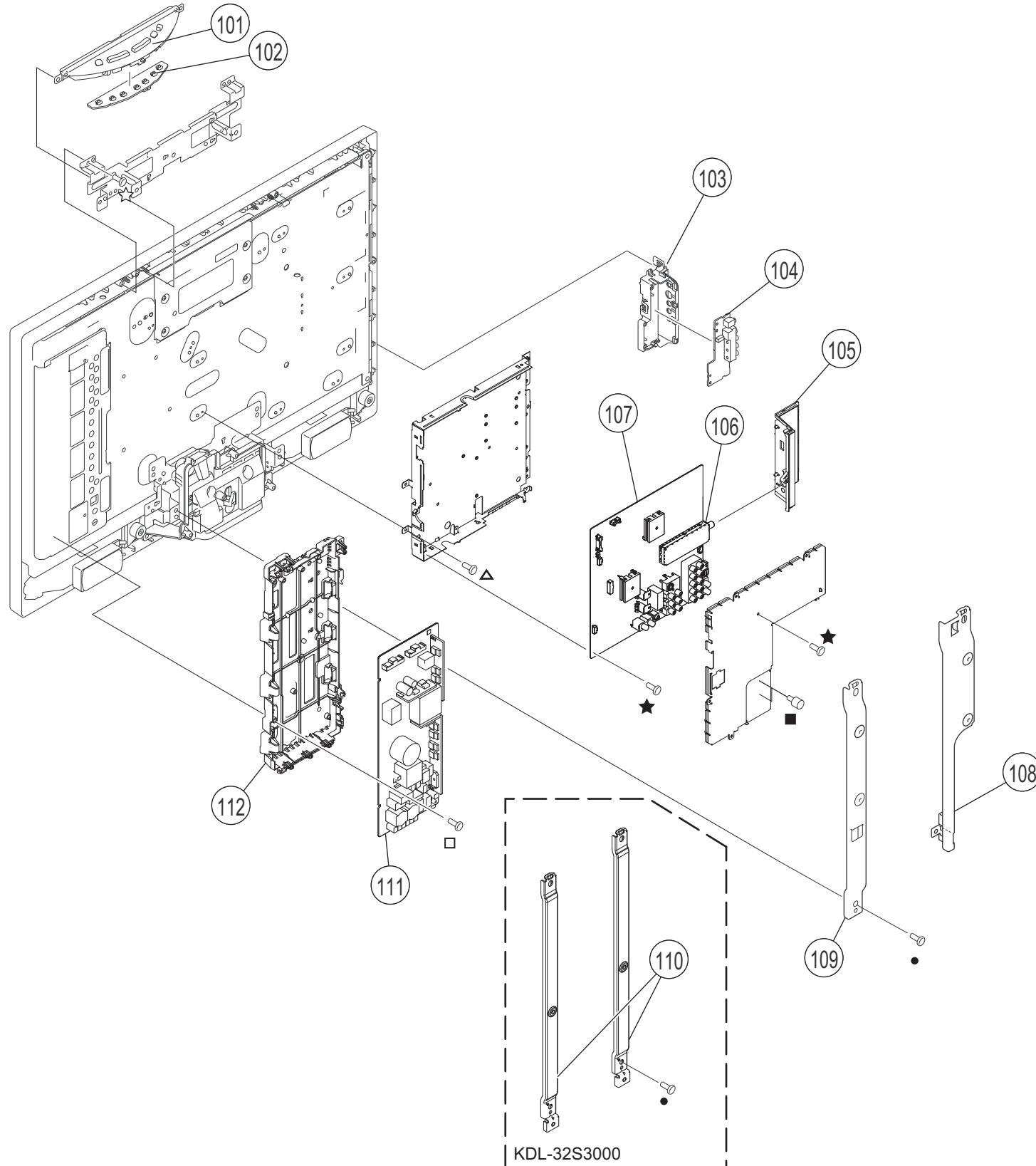
NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a lock mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. CHASSIS (KDL-26S3000/32S3000 ONLY)

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)

☆ 2-580-640-01	SCREW, +BVTP2 4X16 (KDL-40S3000/46S3000 ONLY)
★ 2-580-629-01	SCREW, +BVST 3X8
△ 2-580-591-01	SCREW, +PSW M3X5
● 2-580-608-01	SCREW, +PSW M5X16
□ 2-674-965-31	SCREW, +PSW 3SG (KDL-26S3000/32S3000 ONLY)
■ 4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	X-2176-664-1	BUTTON, MULTI ASSEMBLY (KDL-26S3000/32S3000 ONLY)	
102	A-1220-318-A	H1 BOARD, MOUNTED (KDL-26S3000/32S3000 ONLY)	
103	3-098-453-02	SIDE, TERMINAL(AU) (KDL-26S3000/32S3000 ONLY)	
104	A-1220-504-C	U1 BOARD, MOUNTED (KDL-26S3000/32S3000 ONLY)	
105	3-094-417-02	HOLDER, SIDE JACK(S) (KDL-26S3000 ONLY)	
105	3-106-473-01	HOLDER, SIDE JACK(M) (KDL-32S3000 ONLY)	
106	8-597-611-00	TUNER, FSS BTF-CA411Z	
107	A-1268-869-A	BU1 BOARD, MOUNTED (SVC) (KDL-26S3000 ONLY)	
107	A-1257-244-A	BU1 BOARD, MOUNTED (SVC) (KDL-32S3000 ONLY)	
* 108	X-2177-262-1	VESA ARM (26) L ASSEMBLY (KDL-26S3000 ONLY)	
* 109	X-2177-263-1	VESA ARM (26) R ASSEMBLY (KDL-26S3000 ONLY)	
110	X-2177-549-1	VESA ARM(32) ASSEMBLY (KDL-32S3000 ONLY)	
111	1-474-056-11	G1D BOARD, MOUNTED (POWER UNIT) (KDL-26S3000 ONLY)	
111	1-474-052-11	G1H BOARD, MOUNTED (POWER UNIT) (KDL-32S3000 ONLY)	
* 112	3-106-471-01	BRACKET, G1 (KDL-26S3000/32S3000 ONLY)	

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

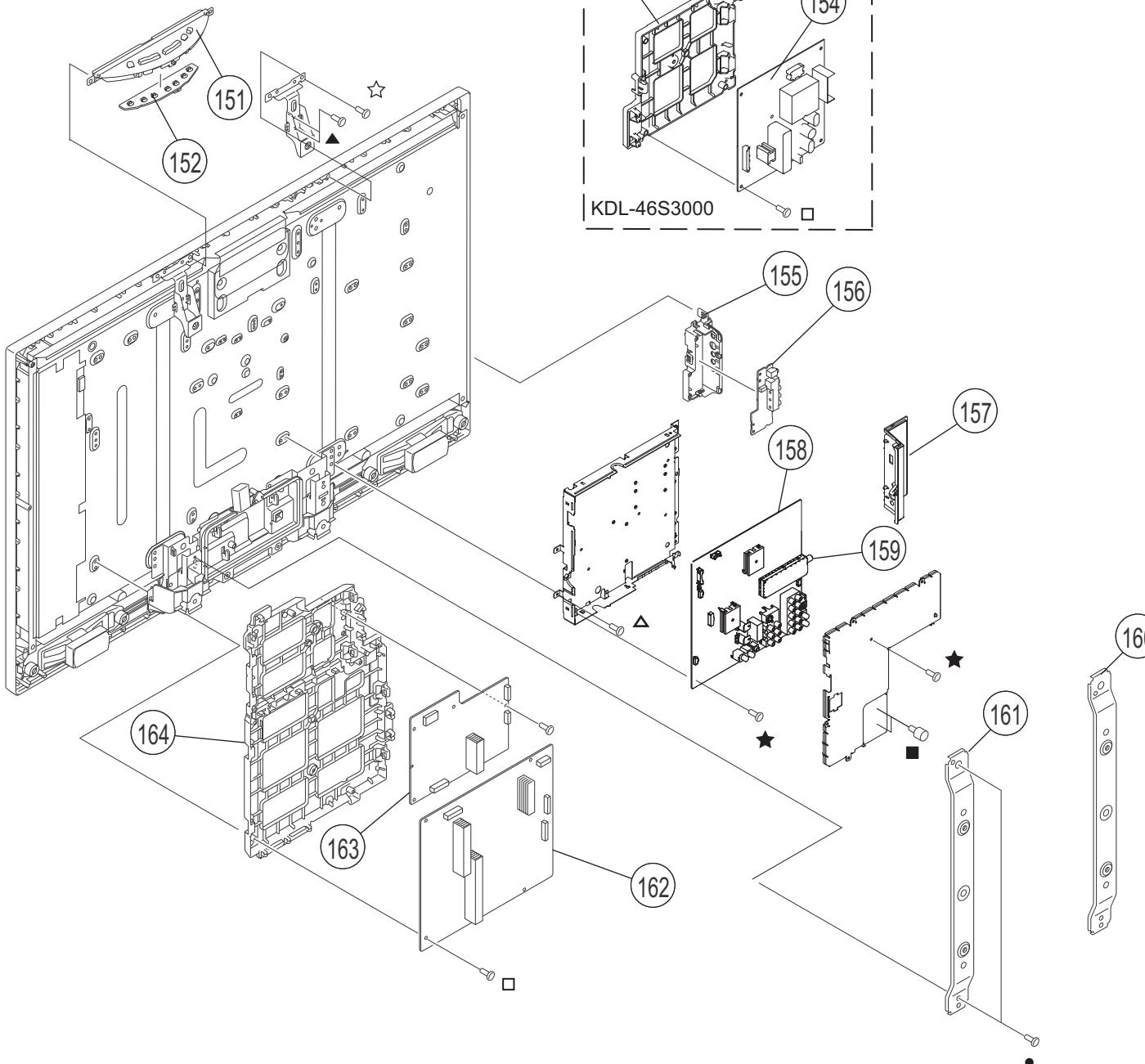
NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. CHASSIS (KDL-40S3000/46S3000 ONLY)

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)

☆ 2-580-640-01	SCREW, +BVTP2 4X16 (KDL-40S3000/46S3000 ONLY)
★ 2-580-629-01	SCREW, +BVST 3X8 (KDL-40S3000/46S3000 ONLY)
△ 2-580-591-01	SCREW, +PSW M3X5 (KDL-40S3000/46S3000 ONLY)
▲ 2-580-606-01	SCREW, +PSW M5X8 (KDL-40S3000/46S3000 ONLY)

□ 2-674-965-41	SCREW, +PSW 3SG (KDL-40S3000/46S3000 ONLY)
● 2-580-608-01	SCREW, +PSW M5X16 (KDL-40S3000/46S3000 ONLY)
▽ 4-635-966-01	SCREW (HEX) (KDL-40S3000/46S3000 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2176-664-1	BUTTON, MULTI ASSEMBLY (KDL-40S3000/46S3000 ONLY)		* 161	X-2177-260-1	VESA ARM(40)R ASSEMBLY (KDL-40S3000 ONLY)	
152	A-1220-318-A	H1 BOARD, MOUNTED (KDL-40S3000/46S3000 ONLY)		* 161	X-2177-276-1	VESA ARM(46)R ASSEMBLY (KDL-46S3000 ONLY)	
153	3-094-416-01	BRACKET, D2 (KDL-46S3000 ONLY)		162	A-1308-804-A	G3 BOARD, COMPLETE (KDL-40S3000/46S3000 ONLY)	
154	A-1247-497-A	D2 BOARD, COMPLETE (KDL-46S3000 ONLY)		163	A-1236-528-A	D1 BOARD, COMPLETE (KDL-40S3000 ONLY)	
(When replacing the D2 Board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)				(When replacing the D1 Board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
155	3-098-453-02	SIDE, TERMINAL(AU) (KDL-40S3000/46S3000 ONLY)		163	A-1236-531-A	D1 BOARD, COMPLETE (KDL-46S3000 ONLY)	
156	A-1220-504-C	U1 BOARD, MOUNTED (KDL-40S3000/46S3000 ONLY)		(When replacing the D1 Board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
157	3-106-473-01	HOLDER, SIDE JACK(M) (KDL-40S3000 ONLY)		164	X-2178-425-1	BRACKET ASSEMBLY, G3 (KDL-40S3000/46S3000 ONLY)	
157	3-106-474-01	HOLDER, SIDE JACK(L) (KDL-46S3000 ONLY)					
158	A-1257-243-A	BU1 BOARD, MOUNTED (SVC) (KDL-40S3000 ONLY)					
158	A-1257-242-A	BU1 BOARD, MOUNTED (SVC) (KDL-46S3000 ONLY)					
159	8-597-611-00	TUNER, FSS BTF-CA411Z (KDL-40S3000/46S3000 ONLY)					
* 160	X-2177-259-1	VESA ARM(40)L ASSEMBLY (KDL-40S3000 ONLY)					
* 160	X-2177-275-1	VESA ARM(46)L ASSEMBLY (KDL-46S3000 ONLY)					

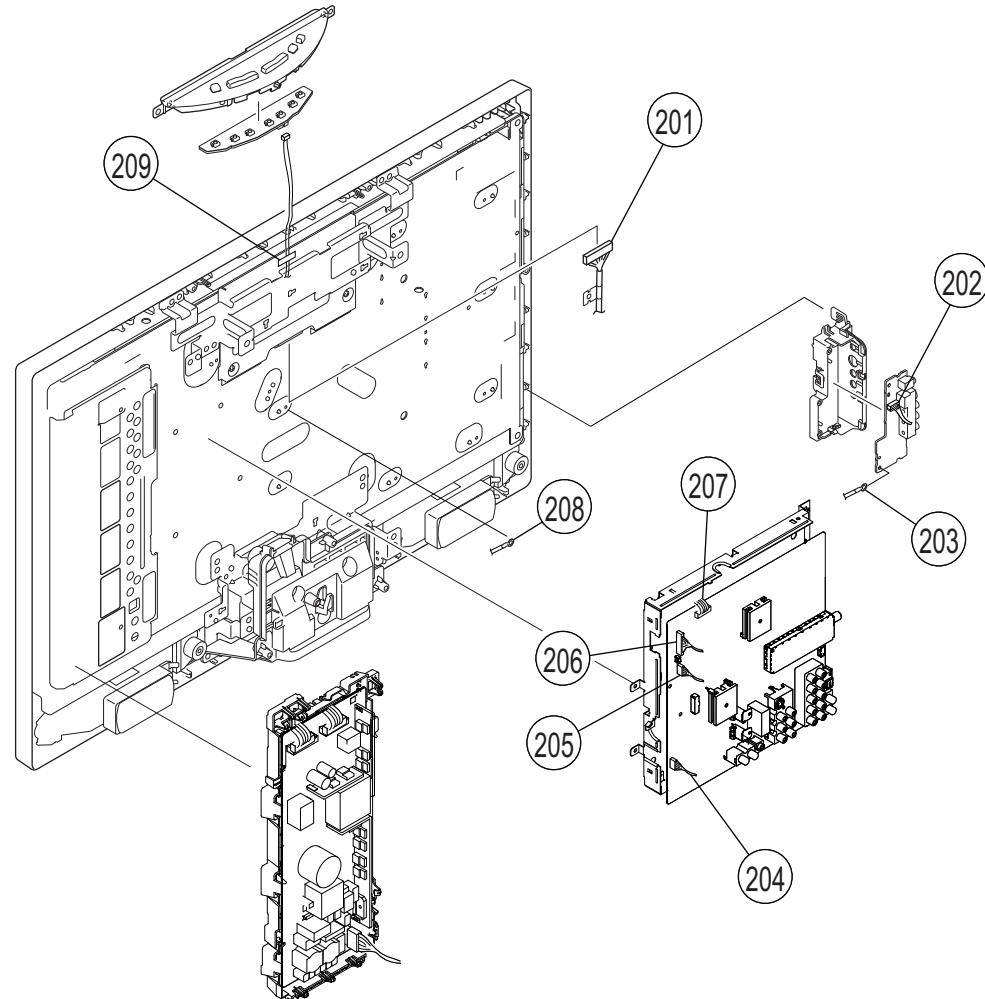
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-5. CONNECTORS (KDL-26S3000/32S3000 ONLY)

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	1-834-155-11	HARNESS WITH CONNECTOR (LVDS) (KDL-26S3000 ONLY)		206	1-910-037-11	CONNECTOR ASSEMBLY, 13P (KDL-26S3000 ONLY)	
201	1-834-157-11	HARNESS WITH CONNECTOR (LVDS) (KDL-32S3000 ONLY)		206	1-910-035-50	CONNECTOR ASSEMBLY, 13P (KDL-32S3000 ONLY)	
202	1-910-037-09	CONN ASSEMBLY, 20P (KDL-26S3000 ONLY)		207	1-910-037-10	CONNECTOR ASSEMBLY, 14P (KDL-26S3000 ONLY)	
202	1-910-035-48	CONN ASSEMBLY, 20P (KDL-32S3000 ONLY)		207	1-910-035-49	CONNECTOR ASSEMBLY, 14P (KDL-32S3000 ONLY)	
203	1-910-035-53	WIRE ASSEMBLY, FASTON TERMINAL (KDL-26S3000/32S3000 ONLY)		208	1-910-035-47	WIRE ASSEMBLY, FASTON TERMINAL (KDL-32S3000 ONLY)	
204	1-910-037-12	CONNECTOR ASSEMBLY, 4P SPEAKER (KDL-26S3000 ONLY)		209	2-893-754-01	TAPE (LCD) (KDL-26S3000 ONLY)	
204	1-910-035-51	CONNECTOR ASSEMBLY, 4P SP (KDL-32S3000 ONLY)		209	2-688-062-01	TAPE (LCD) (KDL-32S3000 ONLY)	
205	1-910-037-13	CONNECTOR ASSEMBLY, 20P (KDL-26S3000 ONLY)					
205	1-910-035-52	CONNECTOR ASSEMBLY, 20P (KDL-32S3000 ONLY)					

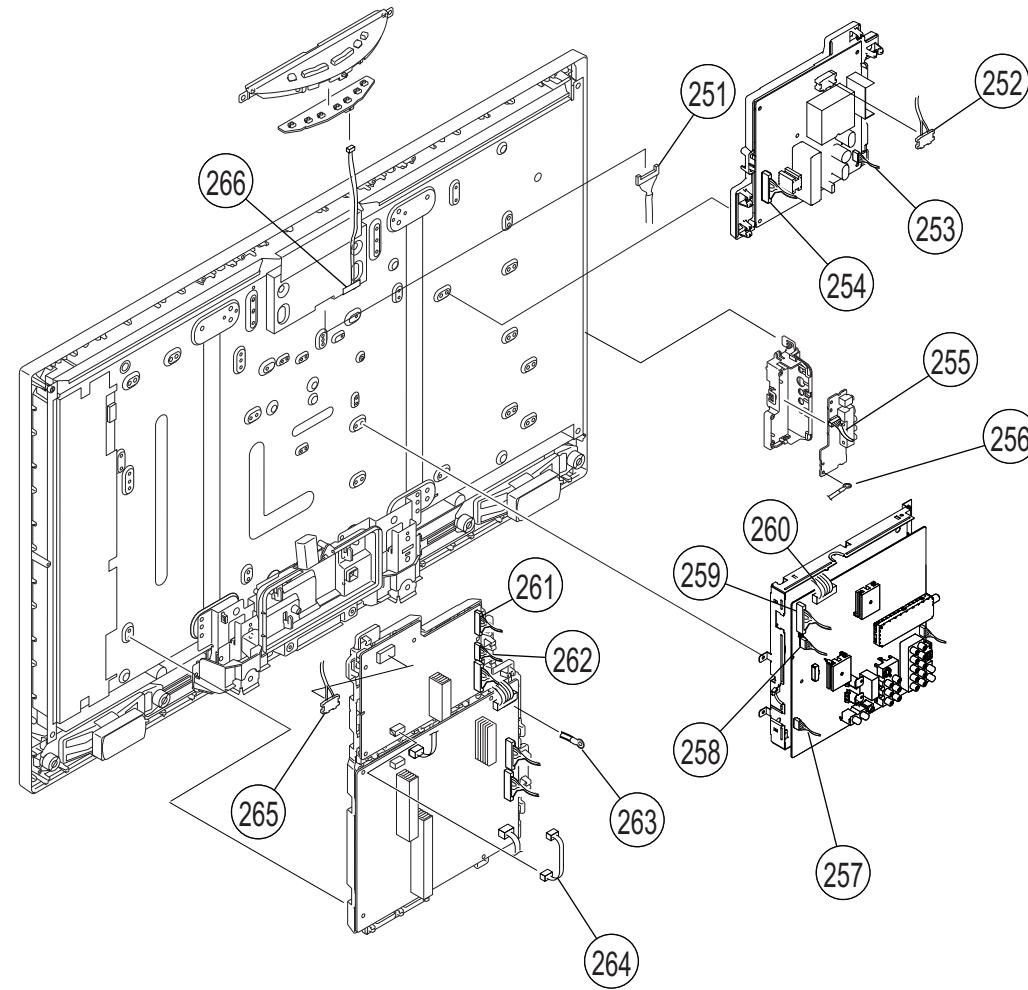
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-6. CONNECTORS (KDL-40S3000/46S3000 ONLY)

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)



NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

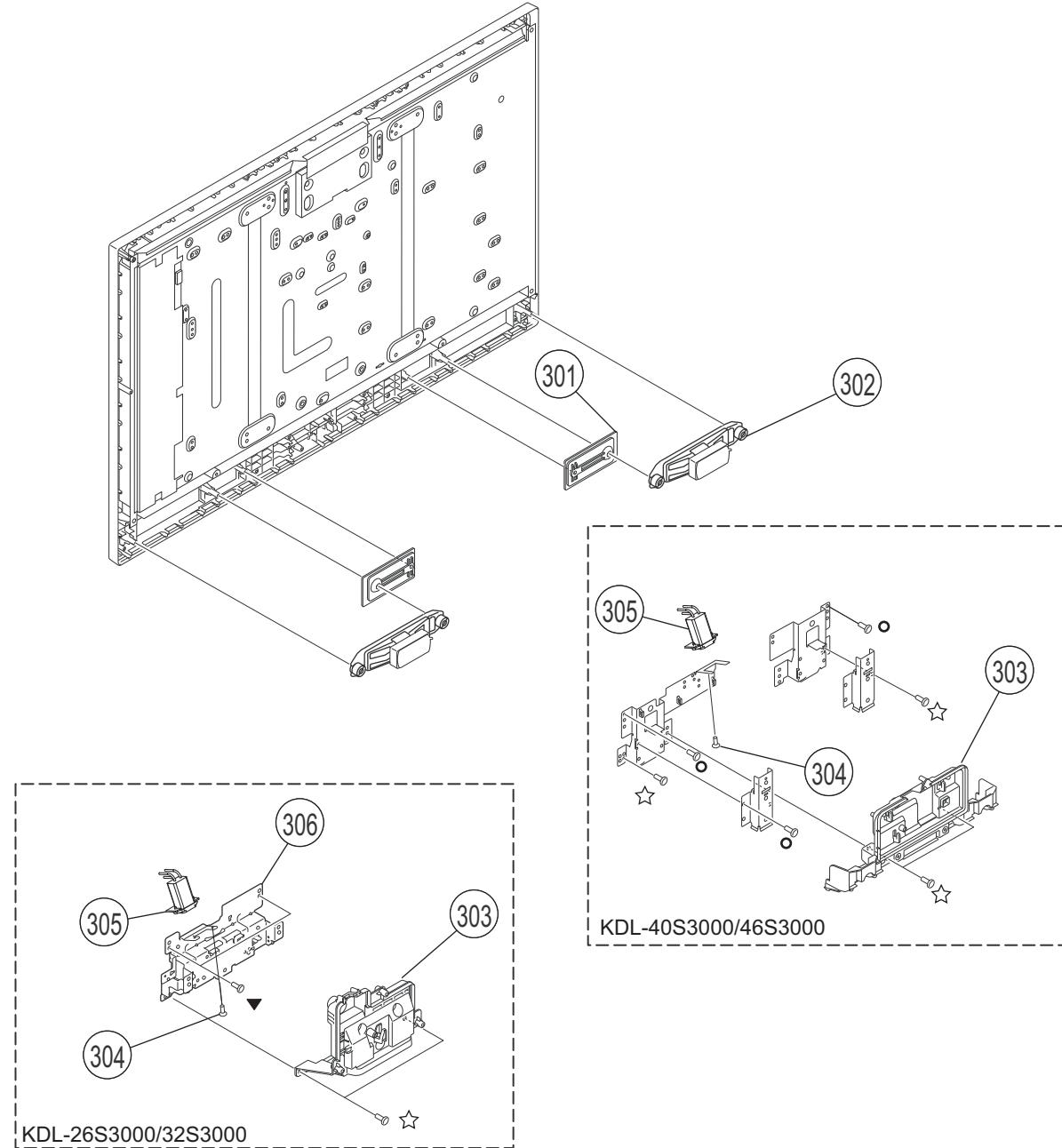
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-7. SPEAKERS

(Please review the [Sony Electronics Service Information](#) website for any additional service information.)

☆ 2-580-640-01	SCREW, +BVTP2 4X16
▼ 2-580-600-01	SCREW, +PSW M4X8
○ 2-580-607-01	SCREW, +PSW M5X12 (KDL-40S3000/46S3000 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
301	X-2176-950-1	BAFFLE (40J) ASSEMBLY (KDL-40S3000 ONLY)		303	3-100-284-01	COVER, UNDER (M) (KDL-26S3000/32S3000 ONLY)	
301	X-2176-951-1	BAFFLE (46J) ASSEMBLY (KDL-46S3000 ONLY)		303	X-2179-456-1	COVER ASSEMBLY, UNDER (L) (KDL-40S3000/46S3000 ONLY)	
302	1-826-649-11	LOUD SPEAKER (4.2X15CM) (KDL-26S3000 ONLY)		304	2-596-649-01	+KTT 3X10 (S TYPE) (KDL-32S3000/40S3000/46S3000 ONLY)	
302	1-826-648-11	LOUD SPEAKER (4.2X15CM) (KDL-32S3000 ONLY)		△ 305	1-821-380-11	INLET, AC (WITH NOISE FILTER) (KDL-26S3000 ONLY)	
302	1-826-647-11	LOUD SPEAKER (5.5X15.5CM) (KDL-40S3000 ONLY)		△ 305	1-819-729-14	INLET, AC (WITH NOISE FILTER) (KDL-32S3000/40S3000/46S3000 ONLY)	
302	1-826-646-11	LOUD SPEAKER (13X7CM) (KDL-46S3000 ONLY)		* 306	X-2177-438-2	LCD BRACKET BOTTOM ASSEMBLY (26/32) (KDL-26S3000/32S3000 ONLY)	

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.

See Appendix A: Encryption Key Components in the back of this manual.

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RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
BU1						C1714	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1715	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1722	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C1723	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C1724	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C1725	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
						C2013	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
						C2014	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2016	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V
						C2017	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2019	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
						C2022	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2025	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V
						C2027	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2029	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
						C2030	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
						C2033	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
						C2039	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2041	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
						C2042	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2045	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2051	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V
						C2052	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
						C2053	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
						C2054	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
						C2055	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2058	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
						C2059	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
						C2060	1-126-392-11	ELECT CHIP	100µF	20%	6.3V
						C2061	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
						C2062	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
						C2063	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
						C2064	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
						C2065	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
						C2066	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
						C2067	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2068	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2132	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2069	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2133	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2070	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2134	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2073	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C2135	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2074	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2136	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2075	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2137	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2077	1-126-396-11	ELECT CHIP	47μF	20%	16V	C2138	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2078	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C2139	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2140	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2141	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V
C2085	1-126-396-11	ELECT CHIP	47μF	20%	16V	C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2086	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2143	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2090	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2091	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2145	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2092	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2146	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2094	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C2149	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2095	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2150	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2096	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C2156	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2097	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2157	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2101	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2158	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2102	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2159	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2103	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2160	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2104	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2161	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2105	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2162	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2106	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2163	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2111	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2164	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2112	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2165	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2168	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C2114	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2169	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C2115	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2170	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2116	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2171	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2117	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2177	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2118	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2178	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2119	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2179	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2180	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C2121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2187	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2123	1-112-797-11	ELECT CHIP	470μF	20%	25V	C2188	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2124	1-112-800-11	ELECT CHIP	100μF	20%	35V	C2190	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2125	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2191	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2126	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2192	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2127	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3005	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C2128	1-112-800-11	ELECT CHIP	100μF	20%	35V	C3006	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C2129	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3007	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C2130	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3010	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2131	1-126-396-11	ELECT CHIP	47μF	20%	16V	C3011	1-117-681-11	ELECT CHIP	100μF	20%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3012	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4041	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3014	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4042	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3015	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4043	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3016	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4044	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3017	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4045	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V	C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3022	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4053	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3024	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4059	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3029	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4500	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3033	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3036	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C4503	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3044	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C4505	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3046	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4506	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3048	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4507	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3049	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4513	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3051	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4514	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3052	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3053	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4516	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3057	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4517	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3060	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4518	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3061	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4519	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3062	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4520	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3063	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4521	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3066	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4524	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3070	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C4525	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3071	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4527	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C3072	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4528	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3074	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4530	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3076	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C4531	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3079	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4701	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3080	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3081	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4704	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3082	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C4705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3083	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4708	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3084	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4712	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C3087	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C4713	1-162-979-11	CERAMIC CHIP	0.0027µF	10%	50V
C3110	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C4716	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3112	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4717	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3900	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4718	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4720	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4029	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	C4721	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4030	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	C4722	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4033	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	C4723	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4034	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V	C4724	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4035	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	C4725	1-164-882-11	CERAMIC CHIP	220pF	5%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4726	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C4917	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4730	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C4918	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4731	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C4919	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4732	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4734	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4736	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4739	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5008	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C4740	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5009	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C4741	1-112-066-11	CERAMIC CHIP	10µF	10%	10V	C5502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4746	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5505	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4750	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5509	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4752	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5510	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4757	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5511	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4758	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5512	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4759	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5513	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4760	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5514	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4762	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5517	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4765	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5518	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4769	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5519	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4773	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5520	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4774	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C5521	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4778	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5522	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4779	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C5523	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4780	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5524	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C4781	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5525	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4803	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C5526	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4805	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C5527	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4806	1-126-396-11	ELECT CHIP	47µF	20%	16V	C5528	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4808	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	C5529	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4813	1-128-396-11	ELECT CHIP	470µF	20%	10V	C5530	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C4814	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C5531	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4902	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C5533	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4903	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C5620	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C4904	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7000	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C4906	1-126-392-11	ELECT CHIP	100µF	20%	6.3V	C7001	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C4907	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V	C7002	1-117-681-11	ELECT CHIP	100µF	20%	16V
C4908	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7003	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C4909	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7004	1-117-681-11	ELECT CHIP	100µF	20%	16V
C4910	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7005	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C4911	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7006	1-110-648-11	ELECT CHIP	220µF	20%	25V
C4912	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7007	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C4913	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7008	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C4914	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7009	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C4915	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7010	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C4916	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7011	1-164-939-11	CERAMIC CHIP	0.0022µF	10%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7012	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7059	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7013	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C7060	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7015	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	C7061	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7016	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C7062	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7017	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7019	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7064	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7020	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7065	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220pF	20%	4V	C7066	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7022	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7067	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7068	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7024	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7073	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	C7074	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7026	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7075	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7076	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7077	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7029	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7078	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7030	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7079	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7080	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7081	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7033	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V	C7086	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7087	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7088	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7089	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7037	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	C7090	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7038	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V	C7092	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7039	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V	C7093	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7096	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7041	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7097	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C7042	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7098	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7043	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	C7100	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7044	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V	C7101	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C7045	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7102	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C7046	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7103	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7111	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7146	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7147	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7148	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7051	1-114-334-11	CERAMIC CHIP	10µF	10%	25V	C7150	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7052	1-114-334-11	CERAMIC CHIP	10µF	10%	25V	C7200	1-100-583-21	ELECT CHIP	470µF	20%	4V
C7053	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	C7201	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7054	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	C7202	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7055	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	C7203	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7056	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7204	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7057	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7205	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7058	1-165-908-11	CERAMIC CHIP	1µF	10%	10V	C7206	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7252	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7208	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7253	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7209	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7254	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7255	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7211	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7256	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7212	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7257	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7213	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7258	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7259	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7215	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7260	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7216	1-100-583-21	ELECT CHIP	470µF	20%	4V	C7261	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7217	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7262	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7218	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7263	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7219	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7264	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7220	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7266	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7267	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7269	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7224	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7270	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7225	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7271	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7226	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7272	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7227	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7273	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7228	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7274	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7229	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7275	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7230	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7276	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7231	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7277	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7232	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7278	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7233	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7279	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7234	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7280	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7235	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7300	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7236	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7301	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7237	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7302	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7238	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7303	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7239	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7304	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7240	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7305	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7241	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7306	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7242	1-100-583-21	ELECT CHIP	470µF	20%	4V	C7400	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7243	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C7403	1-114-130-11	CERAMIC CHIP	1µF		6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7248	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V	C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7249	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7251	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7720	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7411	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7800	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7412	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7801	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7413	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7417	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7805	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7807	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7808	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7422	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7809	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7424	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7810	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7425	1-114-130-11	CERAMIC CHIP	1µF		6.3V	C7811	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7430	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V	C7812	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7431	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7813	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7432	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	C7814	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7433	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	C7815	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7501	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7816	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7817	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V
C7503	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7818	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7504	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7819	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7505	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7506	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7507	1-117-681-11	ELECT CHIP	100µF	20%	16V	C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7509	1-127-573-11	CERAMIC CHIP	1µF	10%	16V	C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7510	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7511	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V	C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7512	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V	C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7513	1-126-210-21	ELECT CHIP	220µF	20%	4V	C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7514	1-165-875-11	CERAMIC CHIP	10µF	10%	10V	C7831	1-107-819-11	CERAMIC CHIP	0.022µF	10%	16V
C7515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7832	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7516	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7833	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C7600	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7834	1-126-396-11	ELECT CHIP	47µF	20%	16V
C7603	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7604	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7607	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7609	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7610	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7839	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7611	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7612	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7700	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7842	1-100-581-81	CERAMIC CHIP	0.0047µF	10%	50V
C7701	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7844	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7845	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7846	1-137-765-21	ELECT CHIP	47µF	20%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7847	1-164-939-11	CERAMIC CHIP	0.0022µF	10%	50V
C7705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7848	1-114-183-11	ELECT CHIP	1000µF	20%	6.3V
C7706	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7849	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7707	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	C7850	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7852	1-128-396-11	ELECT CHIP	470µF	20%	10V	D2023	8-719-404-50	DIODE	MA111-TX		
C7853	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	D3002	8-719-071-87	DIODE	MA785-(TX),SO		
C7854	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	D3006	8-719-404-50	DIODE	MA111-TX		
C7855	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V	D3007	8-719-077-59	DIODE	1PS302		
C7856	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	D3020	8-719-422-46	DIODE	MA8056		
C7857	1-100-159-91	CERAMIC CHIP	22µF	10%	6.3V	D3021	8-719-422-46	DIODE	MA8056		
C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	D4012	8-719-017-89	DIODE	MA8150-TX		
C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	D5000	8-719-422-46	DIODE	MA8056		
C7861	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	D5001	8-719-422-46	DIODE	MA8056		
C7862	1-112-046-11	CERAMIC CHIP	4.7µF	10%	6.3V	D5002	8-719-422-46	DIODE	MA8056		
C7863	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	D5003	8-719-050-38	DIODE	M1MA152WK-T1		
C7864	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	D5508	8-719-404-50	DIODE	MA111-TX		
C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	D5516	8-719-404-50	DIODE	MA111-TX		
C7869	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	D5525	8-719-404-50	DIODE	MA111-TX		
C7870	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	D5528	8-719-404-50	DIODE	MA111-TX		
C7871	1-165-989-11	CERAMIC CHIP	10µF	10%	6.3V	D5620	6-500-813-01	DIODE	MA2SD32008S0		
C7878	1-128-396-11	ELECT CHIP	470µF	20%	10V	D7001	8-719-404-50	DIODE	MA111-TX		
C7879	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	D7003	8-719-423-10	DIODE	MA8100-M-TX		
C7880	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V	D7004	8-719-977-12	DIODE	DTZ6.8B		
C7950	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	D7008	8-719-421-24	DIODE	MA8039-H		
C7951	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V	D7009	8-719-404-50	DIODE	MA111-TX		
C7952	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	D7010	8-719-081-34	DIODE	RB160M-30TR		
C7953	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V	D7013	8-719-081-34	DIODE	RB160M-30TR		
<u>CONNECTOR</u>						D7020	6-501-336-01	DIODE	RSX201L-30TE25		
<u>HEADER ASSENBLY</u>						D7022	8-719-422-46	DIODE	MA8056		
*	CN1400	1-819-928-11	HEADER ASSENBLY			20P	D7500	8-719-073-34	DIODE	EC21QS03L-TE12L	
*	CN2000	1-819-461-11	HEADER ASSEMBLY FOR PWB				D7700	8-719-053-07	DIODE	SML-310MTT86	
	CN3003	1-779-331-51	CONNECTOR, FFC/FPC			14P	D7801	8-719-058-24	DIODE	RB501V-40TE-17	
*	CN3004	1-779-936-51	CONNECTOR, FFC/FPC			18P					
*	CN3008	1-819-928-11	HEADER ASSENBLY			20P					
<u>EARTH TERMINAL</u>											
*	CN4001	1-820-550-11	HEADER ASSEMBLY FOR PWB				ET2000	1-780-521-11	CAPACITOR PROTECTOR		
*	CN4003	1-819-333-11	HEADER ASSEMBLY FOR PWB				ET4001	1-780-482-11	EARTH TERMINAL		
	CN7304	1-817-109-11	CONNECTOR, USB (A)				ET4002	1-780-482-11	EARTH TERMINAL		
<u>DIODE</u>							ET4003	1-780-482-11	EARTH TERMINAL		
D1000	8-719-423-03	DIODE	MA8100				ET4004	1-780-482-11	EARTH TERMINAL		
D1001	8-719-423-03	DIODE	MA8100				ET4005	1-780-482-11	EARTH TERMINAL		
D1002	8-719-423-03	DIODE	MA8100				ET4006	1-780-482-11	EARTH TERMINAL		
D1003	8-719-423-03	DIODE	MA8100				ET4007	1-780-482-11	EARTH TERMINAL		
D1006	8-719-423-03	DIODE	MA8100				ET7000	1-780-521-11	CAPACITOR PROTECTOR		
△ D2014	8-719-422-97	DIODE	MA8091-M				ET7001	1-780-521-11	CAPACITOR PROTECTOR		
△ D2018	8-719-422-46	DIODE	MA8056								
△ D2019	8-719-422-46	DIODE	MA8056								
△ D2020	8-719-422-46	DIODE	MA8056								
△ D2021	8-719-422-46	DIODE	MA8056								
<u>FUSE</u>											
△ F2000	1-576-958-21	FUSE	4A								
△ F2001	1-576-913-11	FUSE	1.6A								
△ F2002	1-576-646-11	FUSE	0.5A								

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES				
\triangle F3001	1-576-646-11	FUSE	0.5A	50V	FB7001	1-400-794-21	FERRITE	0 μ H			
\triangle F4005	1-576-933-21	FUSE	5A	24V	FB7023	1-400-772-21	FERRITE	0 μ H			
\triangle F7000	1-576-603-21	FUSE	3.15A	24V	\triangle FB7200	1-414-229-11	FERRITE	0 μ H			
\triangle F7001	1-576-603-21	FUSE	3.15A	24V	\triangle FB7201	1-414-229-11	FERRITE	0 μ H			
\triangle F7002	1-576-913-11	FUSE	1.6A	32V	FB7203	1-400-110-21	FERRITE	0 μ H			
FERRITE BEAD											
FB1400	1-400-807-21	FERRITE	0 μ H	FB7204	1-400-110-21	FERRITE	0 μ H				
FB1401	1-400-807-21	FERRITE	0 μ H	FB7300	1-400-089-21	FERRITE	0 μ H				
FB2006	1-400-089-21	FERRITE	0 μ H	FB7301	1-400-089-21	FERRITE	0 μ H				
FB2007	1-400-089-21	FERRITE	0 μ H	FB7400	1-400-110-21	FERRITE	0 μ H				
FB2008	1-400-089-21	FERRITE	0 μ H	FB7601	1-469-083-21	FERRITE	0 μ H				
FB2009	1-400-089-21	FERRITE	0 μ H	\triangle FB7602	1-469-083-21	FERRITE	0 μ H				
FB2012	1-400-807-21	FERRITE	0 μ H	\triangle FB7700	1-414-229-11	FERRITE	0 μ H				
FB2015	1-400-212-22	FERRITE	0 μ H	\triangle FB7701	1-414-229-11	FERRITE	0 μ H				
FB2016	1-400-110-21	FERRITE	0 μ H	FB7800	1-414-229-11	FERRITE	0 μ H				
FB2017	1-400-807-21	FERRITE	0 μ H	FB7801	1-218-990-81	SHORT CHIP					
FB2018	1-400-807-21	FERRITE	0 μ H	FB7802	1-218-990-81	SHORT CHIP					
FB2019	1-400-807-21	FERRITE	0 μ H	FB7803	1-469-084-21	FERRITE	0MH				
FB4001	1-400-089-21	FERRITE	0 μ H	\triangle FB7804	1-469-083-21	FERRITE	0 μ H				
FB4003	1-400-089-21	FERRITE	0 μ H	FB7805	1-469-083-21	FERRITE	0 μ H				
FB4005	1-414-445-11	FERRITE	0 μ H	FB7806	1-469-083-21	FERRITE	0 μ H				
FB4006	1-414-445-11	FERRITE	0 μ H	FB7807	1-469-083-21	FERRITE	0 μ H				
FB4007	1-414-445-11	FERRITE	0 μ H	FB7808	1-400-198-21	FERRITE	0 μ H				
FB4008	1-400-591-22	FERRITE	0 μ H	FB7809	1-400-198-21	FERRITE	0 μ H				
FB4009	1-400-591-22	FERRITE	0 μ H	FILTER							
FB4010	1-400-591-22	FERRITE	0 μ H	FL3001	1-234-177-21	FERRITE	0 μ H				
FB4011	1-400-591-22	FERRITE	0 μ H	FL4701	1-234-177-21	FERRITE	0 μ H				
\triangle FB4056	1-414-445-11	FERRITE	0 μ H	FL4703	1-234-177-21	FERRITE	0 μ H				
FB4501	1-469-669-21	FERRITE	0 μ H	FL4705	1-234-177-21	FERRITE	0 μ H				
FB4701	1-400-794-21	FERRITE	0 μ H	FL4706	1-234-177-21	FERRITE	0 μ H				
FB4702	1-400-110-21	FERRITE	0 μ H	FL4707	1-234-177-21	FERRITE	0 μ H				
FB4703	1-400-110-21	FERRITE	0 μ H	FL4900	1-234-177-21	FERRITE	0 μ H				
FB4705	1-400-110-21	FERRITE	0 μ H	FL4901	1-234-177-21	FERRITE	0 μ H				
FB4706	1-400-110-21	FERRITE	0 μ H	FL5501	1-234-177-21	FERRITE	0 μ H				
FB4744	1-400-772-21	FERRITE	0 μ H	FL5502	1-234-177-21	FERRITE	0 μ H				
FB5000	1-469-100-21	FERRITE	0 μ H	IC							
FB5001	1-469-100-21	FERRITE	0 μ H	IC2002	6-710-906-01	IC	CXD9890Q				
FB5002	1-469-100-21	FERRITE	0 μ H	IC2004	8-759-278-58	IC	NJM4558V-TE2				
FB5004	1-469-100-21	FERRITE	0 μ H	IC2005	6-708-762-01	IC	PQ200WNA1ZPH				
FB5005	1-400-110-21	FERRITE	0 μ H	IC2006	8-759-278-58	IC	NJM4558V-TE2				
FB5006	1-469-100-21	FERRITE	0 μ H	IC2008	6-709-927-01	IC	RT8H225C-TP-2				
FB5501	1-469-100-21	FERRITE	0 μ H	\triangle IC2009	6-710-904-01	IC	TPA3100D2PHPR				
FB7000	1-400-794-21	FERRITE	0 μ H	IC2010	8-759-359-49	IC	NJM3414AV(TE2)				
				IC2011	6-709-927-01	IC	RT8H225C-TP-2				

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BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
IC2014	8-759-592-48	IC	TC7SZ32FU(TE85R)			JACK	
IC3001	6-708-219-01	IC	MB91305PMC-G-BNDE1	J1000	1-780-487-11	S TERMINAL BLOCK	
IC3002	6-807-559-02	IC	S29AL016D70TFI010-WAX3A4U (KDL-26S3000 ONLY)	J1100	1-821-064-11	PHONO JACK	10P
IC3002	6-807-481-03	IC	S29AL016D70TFI010-WAX3A2 (ALL EXCEPT KDL-26S3000 ONLY)	J1700	1-821-026-11	OPTICAL OUT TERMINAL	
IC3004	6-703-175-01	IC	PST3629UL	J1701	1-820-765-11	PHONO JACK	2P
IC3005	6-710-121-01	IC	M24256-BWMN6TP(A)	J1710	1-820-638-11	JACK (SMALL TYPE)	
IC3006	6-709-512-01	IC	S-1132B18-M5T1G	J5000	1-821-013-11	D SUB CONNECTOR	
IC3007	6-709-731-01	IC	ADT75ARZ-REEL	J5502	1-818-737-11	HDMI CONNECTOR	
IC3008	6-707-867-01	IC	TC74VHC132FT(EKJ)	J5503	1-818-737-11	HDMI CONNECTOR	
IC3009	6-709-517-01	IC	S-35390A-J8T1G			COIL	
IC4511	6-710-366-01	IC	74LVC1G04GW-125	L2009	1-469-555-21	INDUCTOR	10 μ H
IC4701	8-759-651-59	IC	SN74CBTLV3245APWR	L2010	1-469-555-21	INDUCTOR	10 μ H
IC4702	8-759-651-59	IC	SN74CBTLV3245APWR	L2011	1-469-555-21	INDUCTOR	10 μ H
				L2015	1-469-555-21	INDUCTOR	10 μ H
IC4703	6-706-491-01	IC	TC7SH86FU(T5RSOYJF)	L2016	1-481-083-11	INDUCTOR	22 μ H
IC4800	6-710-903-01	IC	BH7641FV-E2	L2017	1-412-058-11	INDUCTOR	10 μ H
IC4900	6-710-708-01	IC	EM6A9320BI-5MGM	L2022	1-457-429-11	INDUCTOR	22 μ H
IC5000	6-704-600-01	IC	M24C02-WMN6T(B)	L2023	1-457-429-11	INDUCTOR	22 μ H
IC5001	6-707-846-01	IC	TC74LCX14FT(EKJ)	L2024	1-457-429-11	INDUCTOR	22 μ H
				L2025	1-457-429-11	INDUCTOR	22 μ H
IC5500	6-710-819-01	IC	TMDS341ApFCR	L3002	1-400-794-21	FERRITE	0 μ H
IC5501	6-704-001-01	IC	BR24L02F-WE2	L4500	1-457-360-21	INDUCTOR	0 μ H
IC5503	6-704-001-01	IC	BR24L02F-WE2	L4501	1-457-360-21	INDUCTOR	0 μ H
IC5504	6-708-758-01	IC	PCA9517DP.118	L4502	1-457-360-21	INDUCTOR	0 μ H
IC5510	8-759-596-34	IC	SN74LV4053APWR	L4503	1-457-360-21	INDUCTOR	0 μ H
				L4504	1-457-360-21	INDUCTOR	0 μ H
IC7001	6-708-171-01	IC	MIC5235YM5TR	L4505	1-400-177-21	FERRITE	0 μ H
IC7002	6-703-708-01	IC	LM2903DT	L4507	1-457-360-21	INDUCTOR	0 μ H
IC7003	6-703-175-01	IC	PST3629UL	L4701	1-400-794-21	FERRITE	0 μ H
\triangle IC7004	6-709-075-01	IC	TPS5124DBTRG4	L4800	1-469-557-21	INDUCTOR	22 μ H
\triangle IC7005	6-709-075-01	IC	TPS5124DBTRG4				
\triangle IC7008	6-710-965-01	IC	TPS40200DRG4	L4900	1-400-794-21	FERRITE	0 μ H
IC7009	6-703-175-01	IC	PST3629UL	L4901	1-400-794-21	FERRITE	0 μ H
IC7301	6-700-631-01	IC	TPS2051ADR	L5005	1-457-223-11	INDUCTOR	0 μ H
IC7400	6-711-198-01	IC	HYB18TC512160BF-2.5	L5006	1-457-223-11	INDUCTOR	0 μ H
IC7502	6-702-688-01	IC	M24C64-WMN6T(B)	L5007	1-457-223-11	INDUCTOR	0 μ H
				L5008	1-457-223-11	INDUCTOR	0 μ H
IC7503	6-708-624-01	IC	M25P10-AVMN6TP	L5501	1-457-223-11	INDUCTOR	0 μ H
IC7504	8-759-675-48	IC	SN74LVC32APWR	L5502	1-457-223-11	INDUCTOR	0 μ H
IC7505	6-705-468-01	IC	BA33BC0FP-E2	L5503	1-457-223-11	INDUCTOR	0 μ H
IC7506	6-703-038-01	IC	CD74HC4538PWR	L5504	1-457-223-11	INDUCTOR	0 μ H
IC7507	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)				
				L7001	1-416-740-11	INDUCTOR	10 μ H
IC7601	6-706-334-01	IC	TC74VCX162374(EL,F	L7004	1-424-922-21	INDUCTOR	10 μ H
IC7602	6-703-164-01	IC	TC74VCX574FT(EL)	L7005	1-424-922-21	INDUCTOR	10 μ H
IC7950	8-759-338-95	IC	NJM2903V(TE2)				

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BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
L7006	1-400-325-11	INDUCTOR	5.6 μ H	Q2026	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	
L7007	1-400-281-11	INDUCTOR	10 μ H	Q2029	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
				Q2030	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7008	1-481-080-11	INDUCTOR	22 μ H	Q2031	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7201	1-400-180-21	FERRITE	0 μ H	Q2032	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7300	1-400-284-21	INDUCTOR	0 μ H					
L7431	1-400-180-21	FERRITE	0 μ H	Q2045	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	
L7720	1-400-180-21	FERRITE	0 μ H	Q2046	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	
				Q3002	6-551-420-01	TRANSISTOR	RT1N151M-TP-1	
L7800	1-412-973-11	INDUCTOR	0.33 μ H	Q3003	8-729-028-74	TRANSISTOR	DTA114TUA-T106	
L7801	1-412-971-31	INDUCTOR	0.22 μ H	Q3004	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R	
L7802	1-412-971-31	INDUCTOR	0.22 μ H					
L7805	1-412-973-11	INDUCTOR	0.33 μ H	Q3005	8-729-028-74	TRANSISTOR	DTA114TUA-T106	
L7806	1-412-974-41	INDUCTOR	0.39 μ H	Q3006	6-550-260-01	TRANSISTOR	RT1N237M-TP-1	
				Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7807	1-412-974-41	INDUCTOR	0.39 μ H	Q3008	6-551-424-01	TRANSISTOR	RT1P151M-TP-1	
L7808	1-469-555-21	INDUCTOR	10 μ H	Q3010	8-729-029-06	TRANSISTOR	DTC124EUA-T106	
L7809	1-412-972-31	INDUCTOR	0.27 μ H					
L7810	1-412-972-31	INDUCTOR	0.27 μ H	Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
L7811	1-469-555-21	INDUCTOR	10 μ H	Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
				Q4011	8-729-907-00	TRANSISTOR	DTC114EU	
L7812	1-469-555-21	INDUCTOR	10 μ H	△ Q4012	8-729-054-36	TRANSISTOR	UPA1716G-E2	
L7813	1-469-555-21	INDUCTOR	10 μ H	Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7814	1-469-555-21	INDUCTOR	10 μ H					
L7815	1-216-295-91	SHORT CHIP		Q4015	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
L7817	1-400-180-21	FERRITE	0 μ H	Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
				Q4017	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
L7818	1-400-180-21	FERRITE	0 μ H	Q4018	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
L7819	1-469-555-21	INDUCTOR	10 μ H	Q4019	8-729-028-97	TRANSISTOR	DTC114TUA-T106	
<u>IC LINK</u>				Q4800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
PS5000	1-576-646-11	FUSE	0.5A	50V	Q4801	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
<u>TRANSISTOR</u>				Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)	
Q2006	8-729-028-96	TRANSISTOR	DTC114EUA-T106	Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)	
Q2007	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
Q2008	6-551-677-01	TRANSISTOR	RTAN140M-T111-1					
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106	Q5509	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
△ Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R	Q5510	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
				Q5620	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF	
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM	Q5621	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM	Q5622	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106					
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106	Q5623	8-729-028-96	TRANSISTOR	DTC114EUA-T106	
Q2018	8-729-028-97	TRANSISTOR	DTC114TUA-T106					
				△ Q7000	8-729-046-04	TRANSISTOR	FDS6690A	
Q2019	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL	
Q2020	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	△ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL	
Q2023	8-729-028-96	TRANSISTOR	DTC114EUA-T106	△ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL	
Q2024	8-729-028-91	TRANSISTOR	DTA144EUA-T106					
Q2025	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	△ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL	
				Q7007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
				Q7008	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
				△ Q7009	6-550-828-01	TRANSISTOR	RSQ035P03TR	
				Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
Q7801	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R1111	1-218-831-11	METAL CHIP	220 0.50% 1/10W
Q7802	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF	R1112	1-218-831-11	METAL CHIP	220 0.50% 1/10W
Q7803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R1113	1-218-933-11	RES-CHIP	22 5% 1/16W
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R1114	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
Q7805	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF	R1115	1-218-989-11	RES-CHIP	1M 5% 1/16W
Q7806	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R1116	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
		<u>RESISTOR</u>		R1117	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1000	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1132	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1001	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1133	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1002	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1134	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1003	1-218-941-81	RES-CHIP	100 5% 1/16W	R1135	1-218-933-11	RES-CHIP	22 5% 1/16W
R1004	1-218-285-11	METAL CHIP	75 5% 1/10W	R1136	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1005	1-218-941-81	RES-CHIP	100 5% 1/16W	R1137	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1006	1-218-953-11	RES-CHIP	1K 5% 1/16W	R1138	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1007	1-218-953-11	RES-CHIP	1K 5% 1/16W	R1139	1-218-933-11	RES-CHIP	22 5% 1/16W
R1008	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1140	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1009	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1141	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1010	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1142	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1011	1-218-941-81	RES-CHIP	100 5% 1/16W	R1143	1-218-933-11	RES-CHIP	22 5% 1/16W
R1012	1-218-989-11	RES-CHIP	1M 5% 1/16W	R1144	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1013	1-218-957-11	RES-CHIP	2.2K 5% 1/16W	R1145	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1014	1-218-989-11	RES-CHIP	1M 5% 1/16W	R1146	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1015	1-218-957-11	RES-CHIP	2.2K 5% 1/16W	R1147	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1016	1-218-990-81	SHORT CHIP		R1402	1-218-990-81	SHORT CHIP	
R1017	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1403	1-218-990-81	SHORT CHIP	
R1018	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1406	1-218-990-81	SHORT CHIP	
R1019	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1409	1-218-990-81	SHORT CHIP	
R1020	1-218-941-81	RES-CHIP	100 5% 1/16W	R1410	1-218-990-81	SHORT CHIP	
R1021	1-218-989-11	RES-CHIP	1M 5% 1/16W	R1411	1-218-990-81	SHORT CHIP	
R1022	1-218-957-11	RES-CHIP	2.2K 5% 1/16W	R1412	1-218-990-81	SHORT CHIP	
R1023	1-218-989-11	RES-CHIP	1M 5% 1/16W	R1413	1-218-990-81	SHORT CHIP	
R1024	1-218-957-11	RES-CHIP	2.2K 5% 1/16W	R1700	1-218-981-11	RES-CHIP	220K 5% 1/16W
R1025	1-218-990-81	SHORT CHIP		R1701	1-218-981-11	RES-CHIP	220K 5% 1/16W
R1102	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1702	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1103	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1703	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1104	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1710	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1105	1-218-933-11	RES-CHIP	22 5% 1/16W	R1711	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1106	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1712	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1107	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1713	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1108	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1720	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1109	1-218-933-11	RES-CHIP	22 5% 1/16W	R1721	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1110	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R1722	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
				R1723	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
				R2020	1-218-965-11	RES-CHIP	10K 5% 1/16W
				R2023	1-218-990-81	SHORT CHIP	

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2026	1-218-937-11	RES-CHIP	47	5%	1/16W	R2122	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2033	1-218-941-81	RES-CHIP	100	5%	1/16W	R2126	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R2035	1-218-937-11	RES-CHIP	47	5%	1/16W	R2129	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2042	1-218-937-11	RES-CHIP	47	5%	1/16W	R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2044	1-218-941-81	RES-CHIP	100	5%	1/16W	R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2049	1-218-990-81	SHORT CHIP				R2133	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2050	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2056	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2057	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2141	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2063	1-218-990-81	SHORT CHIP				R2142	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2143	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2070	1-218-990-81	SHORT CHIP				R2145	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2073	1-218-941-81	RES-CHIP	100	5%	1/16W	R2147	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2074	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2075	1-218-937-11	RES-CHIP	47	5%	1/16W	R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2076	1-218-937-11	RES-CHIP	47	5%	1/16W	R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2077	1-218-937-11	RES-CHIP	47	5%	1/16W	R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2078	1-218-937-11	RES-CHIP	47	5%	1/16W	R2153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2085	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2154	1-218-990-81	SHORT CHIP			
R2087	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2155	1-218-990-81	SHORT CHIP			
R2091	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2156	1-218-990-81	SHORT CHIP			
R2092	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2095	1-220-199-81	RES-CHIP	24K	5%	1/16W	R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2096	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2097	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2098	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2099	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2100	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2170	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2101	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2102	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2103	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2104	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2105	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2179	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2106	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2180	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2107	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2181	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2108	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2109	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2110	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2186	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2111	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2187	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2112	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2113	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2199	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2117	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2118	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2120	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2121	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2205	1-208-923-11	METAL CHIP	33K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2207	1-218-937-11	RES-CHIP	47	5%	1/16W	R3052	1-218-941-81	RES-CHIP	100	5%	1/16W
R2210	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3053	1-218-990-81	SHORT CHIP			
R2211	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3055	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R3061	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R3066	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2227	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R3069	1-218-941-81	RES-CHIP	100	5%	1/16W
R2228	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3070	1-218-941-81	RES-CHIP	100	5%	1/16W
R2229	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2230	1-218-990-81	SHORT CHIP				R3102	1-218-941-81	RES-CHIP	100	5%	1/16W
R2232	1-218-990-81	SHORT CHIP				R3103	1-218-941-81	RES-CHIP	100	5%	1/16W
R2234	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R3111	1-218-933-11	RES-CHIP	22	5%	1/16W
R2235	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R3113	1-218-933-11	RES-CHIP	22	5%	1/16W
R2236	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3144	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2237	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3158	1-218-941-81	RES-CHIP	100	5%	1/16W
R2238	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3162	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2239	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2243	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R3167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2244	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R3168	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2245	1-218-941-81	RES-CHIP	100	5%	1/16W	R3169	1-216-864-11	SHORT CHIP			
R2246	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3170	1-400-794-21	FERRITE	0 μ H		
R2247	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2248	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3181	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2249	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3186	1-218-990-81	SHORT CHIP			
R2259	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3188	1-218-990-81	SHORT CHIP			
R2262	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R2268	1-218-941-81	RES-CHIP	100	5%	1/16W	R3191	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2269	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W	R3195	1-218-990-81	SHORT CHIP			
R2271	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2272	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3198	1-218-990-81	SHORT CHIP			
R2273	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3207	1-218-949-11	RES-CHIP	470	5%	1/16W
R2274	1-218-990-81	SHORT CHIP				R3208	1-218-990-81	SHORT CHIP			
R2275	1-218-990-81	SHORT CHIP				R3209	1-218-990-81	SHORT CHIP			
R2277	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3210	1-218-949-11	RES-CHIP	470	5%	1/16W
R2279	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3212	1-218-949-11	RES-CHIP	470	5%	1/16W
R2280	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2281	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3223	1-218-945-11	RES-CHIP	220	5%	1/16W
R3001	1-216-864-11	SHORT CHIP				R3224	1-218-990-81	SHORT CHIP			
R3005	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3226	1-218-945-11	RES-CHIP	220	5%	1/16W
R3010	1-218-990-81	SHORT CHIP				R3243	1-218-941-81	RES-CHIP	100	5%	1/16W
R3018	1-218-990-81	SHORT CHIP				R3246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3023	1-218-990-81	SHORT CHIP				R3247	1-218-990-81	SHORT CHIP			
R3031	1-208-931-11	METAL CHIP	68K	0.50%	1/16W	R3255	1-400-591-22	FERRITE	0 μ H		
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3256	1-400-591-22	FERRITE	0 μ H		
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R3257	1-400-591-22	FERRITE	0 μ H		

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3258	1-400-591-22	FERRITE	0 μ H	R4512	1-218-990-81	SHORT CHIP			
R3259	1-400-591-22	FERRITE	0 μ H	R4516	1-218-941-81	RES-CHIP	100		
R3260	1-400-591-22	FERRITE	0 μ H	R4521	1-218-937-11	RES-CHIP	47		
R3261	1-400-591-22	FERRITE	0 μ H	R4522	1-218-990-81	SHORT CHIP			
R3262	1-400-591-22	FERRITE	0 μ H	R4525	1-218-937-11	RES-CHIP	47		
R3263	1-400-591-22	FERRITE	0 μ H	R4529	1-218-937-11	RES-CHIP	47		
R3264	1-400-591-22	FERRITE	0 μ H	R4530	1-218-953-11	RES-CHIP	1K		
R3265	1-400-591-22	FERRITE	0 μ H	R4532	1-218-941-81	RES-CHIP	100		
R3266	1-216-864-11	SHORT CHIP		R4534	1-218-941-81	RES-CHIP	100		
R3267	1-216-864-11	SHORT CHIP		R4536	1-218-933-11	RES-CHIP	22		
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W	R4537	1-218-941-81	RES-CHIP	100
R3271	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4542	1-218-965-11	RES-CHIP	10K
R3274	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4545	1-218-961-11	RES-CHIP	4.7K
R3290	1-218-990-81	SHORT CHIP		R4547	1-218-935-11	RES-CHIP	33		
R3295	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R4548	1-218-941-81	RES-CHIP	100
R3515	1-218-990-81	SHORT CHIP		R4550	1-218-941-81	RES-CHIP	100		
R3516	1-218-941-81	RES-CHIP	100	5%	1/16W	R4710	1-218-961-11	RES-CHIP	4.7K
R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4712	1-218-961-11	RES-CHIP	4.7K
R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4714	1-218-933-11	RES-CHIP	22
R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W	R4715	1-218-933-11	RES-CHIP	22
R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4721	1-216-864-11	SHORT CHIP	
R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4722	1-216-864-11	SHORT CHIP	
R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4723	1-218-965-11	RES-CHIP	10K
R4043	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4801	1-218-941-81	RES-CHIP	100
R4045	1-216-864-11	SHORT CHIP		R4802	1-218-949-11	RES-CHIP	470		
R4047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R4804	1-218-941-81	RES-CHIP	100
R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R4805	1-218-949-11	RES-CHIP	470
R4049	1-218-983-11	RES-CHIP	330K	5%	1/16W	R4808	1-218-941-81	RES-CHIP	100
R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4813	1-218-285-11	METAL CHIP	75
R4052	1-216-864-11	SHORT CHIP		R4814	1-218-981-11	RES-CHIP	220K		
R4058	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4900	1-400-794-21	FERRITE	0 μ H
R4060	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4903	1-208-683-11	METAL CHIP	1K
R4086	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4904	1-208-683-11	METAL CHIP	1K
R4087	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4905	1-218-990-81	SHORT CHIP	
R4088	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4906	1-208-652-11	METAL CHIP	51
R4089	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R4907	1-218-990-81	SHORT CHIP	
R4090	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4908	1-218-929-11	RES-CHIP	10
R4501	1-218-933-11	RES-CHIP	22	5%	1/16W	R4909	1-208-652-11	METAL CHIP	51
R4502	1-218-933-11	RES-CHIP	22	5%	1/16W	R4910	1-218-933-11	RES-CHIP	22
R4505	1-218-933-11	RES-CHIP	22	5%	1/16W	R4911	1-218-933-11	RES-CHIP	22
R4506	1-218-933-11	RES-CHIP	22	5%	1/16W	R4912	1-218-933-11	RES-CHIP	22
R4507	1-218-933-11	RES-CHIP	22	5%	1/16W	R4913	1-218-933-11	RES-CHIP	22
R4508	1-218-933-11	RES-CHIP	22	5%	1/16W	R4914	1-218-929-11	RES-CHIP	10
R4509	1-218-989-11	RES-CHIP	1M	5%	1/16W	R4915	1-218-929-11	RES-CHIP	10
R4510	1-218-990-81	SHORT CHIP		R4916	1-218-933-11	RES-CHIP	22		

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4917	1-218-933-11	RES-CHIP	22	5%	1/16W	R5563	1-218-929-11	RES-CHIP	10	5%	1/16W
R4918	1-218-933-11	RES-CHIP	22	5%	1/16W	R5564	1-218-929-11	RES-CHIP	10	5%	1/16W
R4919	1-218-933-11	RES-CHIP	22	5%	1/16W	R5565	1-218-929-11	RES-CHIP	10	5%	1/16W
R5000	1-216-864-11	SHORT CHIP				R5566	1-218-929-11	RES-CHIP	10	5%	1/16W
R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5573	1-218-937-11	RES-CHIP	47	5%	1/16W
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5591	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5014	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5592	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5015	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5593	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5594	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5017	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5623	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W	R5624	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5021	1-216-801-11	METAL CHIP	22	5%	1/10W	R5625	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5022	1-216-801-11	METAL CHIP	22	5%	1/10W	R5628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5023	1-216-801-11	METAL CHIP	22	5%	1/10W	R5629	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W	R5630	1-218-990-81	SHORT CHIP			
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W	R5631	1-218-945-11	RES-CHIP	220	5%	1/16W
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W	R5647	1-218-990-81	SHORT CHIP			
R5503	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5649	1-218-990-81	SHORT CHIP			
R5504	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5650	1-218-990-81	SHORT CHIP			
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W	R5651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5652	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5512	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5653	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7000	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5523	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7001	1-218-945-11	RES-CHIP	220	5%	1/16W
R5524	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7005	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7009	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W	R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R5531	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7012	1-216-295-91	SHORT CHIP			
R5534	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7013	1-218-990-81	SHORT CHIP			
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7016	1-216-295-91	SHORT CHIP			
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W	R7017	1-216-295-91	SHORT CHIP			
R5547	1-218-929-11	RES-CHIP	10	5%	1/16W	R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5548	1-218-929-11	RES-CHIP	10	5%	1/16W	R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5549	1-218-929-11	RES-CHIP	10	5%	1/16W	R7020	1-218-990-81	SHORT CHIP			
R5550	1-218-929-11	RES-CHIP	10	5%	1/16W	R7021	1-218-990-81	SHORT CHIP			
R5551	1-218-929-11	RES-CHIP	10	5%	1/16W	R7022	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5552	1-218-929-11	RES-CHIP	10	5%	1/16W	R7023	1-216-818-11	METAL CHIP	560	5%	1/10W
R5553	1-218-929-11	RES-CHIP	10	5%	1/16W	R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R5556	1-218-929-11	RES-CHIP	10	5%	1/16W	R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R5558	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5559	1-218-929-11	RES-CHIP	10	5%	1/16W	R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5560	1-218-929-11	RES-CHIP	10	5%	1/16W	R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R5561	1-218-929-11	RES-CHIP	10	5%	1/16W	R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5562	1-218-929-11	RES-CHIP	10	5%	1/16W	R7032	1-218-990-81	SHORT CHIP			

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7084	1-216-864-11	SHORT CHIP			
R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R7085	1-216-864-11	SHORT CHIP			
R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W	R7087	1-216-864-11	SHORT CHIP			
R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7089	1-216-295-91	SHORT CHIP			
R7038	1-208-922-11	METAL CHIP	30K	0.50%	1/16W	R7090	1-216-295-91	SHORT CHIP			
R7039	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7091	1-216-295-91	SHORT CHIP			
R7040	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7092	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R7093	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W	R7094	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7095	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W	R7096	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7097	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7098	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7099	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R7048	1-218-941-81	RES-CHIP	100	5%	1/16W	R7100	1-220-915-91	METAL CHIP	0.033	2%	1/4W
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7101	1-218-937-11	RES-CHIP	47	5%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W	R7102	1-218-990-81	SHORT CHIP			
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W	R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7104	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7053	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R7105	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7106	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7108	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7109	1-218-990-81	SHORT CHIP			
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7110	1-218-937-11	RES-CHIP	47	5%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7183	1-218-990-81	SHORT CHIP			
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W	R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W	R7308	1-218-941-81	RES-CHIP	100	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W	R7309	1-218-990-81	SHORT CHIP			
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W	R7316	1-218-990-81	SHORT CHIP			
R7063	1-216-864-11	SHORT CHIP				R7317	1-216-864-11	SHORT CHIP			
R7064	1-216-864-11	SHORT CHIP				R7318	1-216-864-11	SHORT CHIP			
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7319	1-218-990-81	SHORT CHIP			
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W	R7320	1-218-941-81	RES-CHIP	100	5%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7321	1-218-933-11	RES-CHIP	22	5%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7069	1-216-295-91	SHORT CHIP				R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7070	1-216-295-91	SHORT CHIP				R7329	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7071	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7331	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7332	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7079	1-216-295-91	SHORT CHIP				R7400	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7080	1-216-295-91	SHORT CHIP				R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7081	1-216-295-91	SHORT CHIP				R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7082	1-216-295-91	SHORT CHIP				R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7717	1-218-935-11	RES-CHIP	33	5%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7718	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7720	1-218-941-81	RES-CHIP	100	5%	1/16W
R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7803	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R7808	1-218-949-11	RES-CHIP	470	5%	1/16W
R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7814	1-218-941-81	RES-CHIP	100	5%	1/16W
R7507	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7819	1-218-941-81	RES-CHIP	100	5%	1/16W
R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7516	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7836	1-218-990-81	SHORT CHIP			
R7529	1-218-985-11	RES-CHIP	470K	5%	1/16W	R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7532	1-218-990-81	SHORT CHIP				R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7533	1-218-446-11	METAL CHIP	1	5%	1/10W	R7840	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7535	1-218-990-81	SHORT CHIP				R7842	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7843	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7538	1-218-990-81	SHORT CHIP				R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7600	1-218-933-11	RES-CHIP	22	5%	1/16W	R7845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7601	1-218-933-11	RES-CHIP	22	5%	1/16W	R7847	1-218-941-81	RES-CHIP	100	5%	1/16W
R7602	1-218-933-11	RES-CHIP	22	5%	1/16W	R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7603	1-218-933-11	RES-CHIP	22	5%	1/16W	R7849	1-208-713-11	METAL CHIP	18K	0.50%	1/16W
R7604	1-218-933-11	RES-CHIP	22	5%	1/16W	R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7605	1-218-933-11	RES-CHIP	22	5%	1/16W	R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7607	1-218-933-11	RES-CHIP	22	5%	1/16W	R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7854	1-218-990-81	SHORT CHIP			
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7855	1-218-990-81	SHORT CHIP			
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7857	1-218-937-11	RES-CHIP	47	5%	1/16W
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W	R7860	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7614	1-218-990-81	SHORT CHIP				R7861	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7703	1-218-941-81	RES-CHIP	100	5%	1/16W	R7862	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7704	1-218-941-81	RES-CHIP	100	5%	1/16W	R7863	1-218-979-11	RES-CHIP	150K	5%	1/16W
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W	R7864	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W	R7865	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7707	1-218-941-81	RES-CHIP	100	5%	1/16W	R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7708	1-218-941-81	RES-CHIP	100	5%	1/16W	R7874	1-218-990-81	SHORT CHIP			
R7709	1-218-941-81	RES-CHIP	100	5%	1/16W	R7875	1-218-990-81	SHORT CHIP			
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W	R7876	1-218-990-81	SHORT CHIP			
R7711	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7885	1-216-295-91	SHORT CHIP			
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W	R7886	1-216-295-91	SHORT CHIP			
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W	R7967	1-218-941-81	RES-CHIP	100	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7969	1-208-928-11	METAL CHIP	51K	0.50%	1/16W	RB4503	1-234-370-21	RES, NETWORK 22	(1005X4)		
R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W	RB4504	1-234-370-21	RES, NETWORK 22	(1005X4)		
R7971	1-218-941-81	RES-CHIP	100	5%	1/16W	RB4505	1-234-370-21	RES, NETWORK 22	(1005X4)		
R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB4510	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	RB4511	1-234-106-81	RES, NETWORK 0			
R7974	1-218-941-81	RES-CHIP	100	5%	1/16W	RB4512	1-239-698-11	RESISTOR, NETWORK 10K			
R7975	1-218-941-81	RES-CHIP	100	5%	1/16W	RB4701	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7978	1-218-989-11	RES-CHIP	1M	5%	1/16W	RB4702	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7979	1-218-990-81	SHORT CHIP				RB4703	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7980	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	RB4704	1-239-698-11	RESISTOR, NETWORK 10K			
R7990	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB4800	1-239-674-81	RESISTOR, NETWORK 100			
<u>RESISTOR BRIDGE</u>											
RB2001	1-234-381-21	RES, NETWORK 100K	(1005X4)			RB4900	1-234-369-21	RES, NETWORK 10	(1005X4)		
RB2003	1-239-698-11	RESISTOR, NETWORK 10K				RB4901	1-234-369-21	RES, NETWORK 10	(1005X4)		
RB2004	1-239-674-81	RESISTOR, NETWORK 100				RB4902	1-234-369-21	RES, NETWORK 10	(1005X4)		
RB2006	1-234-378-21	RES, NETWORK 10K	(1005X4)			RB4903	1-234-369-21	RES, NETWORK 10	(1005X4)		
RB2007	1-234-378-21	RES, NETWORK 10K	(1005X4)			RB4904	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB2008	1-239-674-81	RESISTOR, NETWORK 100				RB4905	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB2009	1-239-674-81	RESISTOR, NETWORK 100				RB4906	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB2010	1-239-698-11	RESISTOR, NETWORK 10K				RB4907	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB2011	1-239-698-11	RESISTOR, NETWORK 10K				RB4908	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB2012	1-239-698-11	RESISTOR, NETWORK 10K				RB4909	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB3004	1-234-372-11	RES, NETWORK 100	(1005X4)			RB4910	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB3005	1-234-372-11	RES, NETWORK 100	(1005X4)			RB4911	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB3006	1-234-372-11	RES, NETWORK 100	(1005X4)			RB5001	1-239-698-11	RESISTOR, NETWORK 10K			
RB3007	1-234-378-21	RES, NETWORK 10K	(1005X4)			RB5002	1-239-670-81	RESISTOR, NETWORK 47			
RB3008	1-234-378-21	RES, NETWORK 10K	(1005X4)			RB5504	1-239-674-81	RESISTOR, NETWORK 100			
RB3010	1-234-372-11	RES, NETWORK 100	(1005X4)			RB5505	1-239-674-81	RESISTOR, NETWORK 100			
RB3011	1-234-372-11	RES, NETWORK 100	(1005X4)			RB5507	1-239-670-81	RESISTOR, NETWORK 47			
RB3014	1-239-698-11	RESISTOR, NETWORK 10K				RB5508	1-239-706-81	RESISTOR, NETWORK 47K			
RB3015	1-239-670-81	RESISTOR, NETWORK 47				RB5509	1-239-698-11	RESISTOR, NETWORK 10K			
RB3016	1-239-698-11	RESISTOR, NETWORK 10K				RB5510	1-239-706-81	RESISTOR, NETWORK 47K			
RB3017	1-239-674-81	RESISTOR, NETWORK 100				RB5511	1-239-706-81	RESISTOR, NETWORK 47K			
RB3018	1-239-698-11	RESISTOR, NETWORK 10K				RB7300	1-239-674-81	RESISTOR, NETWORK 100			
RB3019	1-239-698-11	RESISTOR, NETWORK 10K				RB7301	1-234-106-81	RES, NETWORK 0			
RB3020	1-239-674-81	RESISTOR, NETWORK 100				RB7302	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB3021	1-239-674-81	RESISTOR, NETWORK 100				RB7500	1-239-674-81	RESISTOR, NETWORK 100			
RB3022	1-239-698-11	RESISTOR, NETWORK 10K				RB7600	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB3024	1-239-698-11	RESISTOR, NETWORK 10K				RB7601	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB4500	1-234-795-21	RES, NETWORK 0X4	(2010)			RB7602	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB4501	1-234-795-21	RES, NETWORK 0X4	(2010)			RB7603	1-234-370-21	RES, NETWORK 22	(1005X4)		
RB4502	1-234-370-21	RES, NETWORK 22	(1005X4)			RB7604	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB7606	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)		
						RB7608	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB7609	1-234-370-21	RES, NETWORK 22	(1005X4)		

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB7610	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5514	1-802-417-11	SURGE ABSORBER	
RB7611	1-234-370-21	RES, NETWORK 22	(1005X4)	VD5515	1-802-417-11	SURGE ABSORBER	
RB7612	1-234-372-11	RES, NETWORK 100	(1005X4)	VD5517	1-802-417-11	SURGE ABSORBER	
RB7613	1-234-372-11	RES, NETWORK 100	(1005X4)	VD5518	1-802-417-11	SURGE ABSORBER	
RB7800	1-239-698-11	RESISTOR, NETWORK 10K		VD5519	1-802-417-11	SURGE ABSORBER	
RB7801	1-239-674-81	RESISTOR, NETWORK 100		VD5520	1-802-417-11	SURGE ABSORBER	
RB7802	1-234-795-21	RES, NETWORK 0X4	(2010)	VD5522	1-802-417-11	SURGE ABSORBER	
<u>VARISTOR</u>				VD5523	1-802-417-11	SURGE ABSORBER	
VD1001	1-802-078-11	VARISTOR	(SMD)	VD5524	1-802-417-11	SURGE ABSORBER	
VD1002	1-802-078-11	VARISTOR	(SMD)	VD5526	1-802-417-11	SURGE ABSORBER	
VD1003	1-802-078-11	VARISTOR	(SMD)	VD5527	1-802-417-11	SURGE ABSORBER	
VD1004	1-802-078-11	VARISTOR	(SMD)	VD7300	1-802-090-21	VARISTOR, CHIP	
VD1103	1-802-090-21	VARISTOR, CHIP		VD7301	1-802-090-21	VARISTOR, CHIP	
VD1104	1-802-090-21	VARISTOR, CHIP		VD7302	1-802-090-21	VARISTOR, CHIP	
VD1105	1-802-090-21	VARISTOR, CHIP		<u>CRYSTAL</u>			
VD1106	1-802-078-11	VARISTOR	(SMD)	X2001	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
VD1107	1-802-078-11	VARISTOR	(SMD)	X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
VD1108	1-802-078-11	VARISTOR	(SMD)	X3009	1-813-784-21	VIBRATOR, CRYSTAL	
VD1109	1-802-078-11	VARISTOR	(SMD)	X4500	1-813-773-11	VIBRATOR, CRYSTAL	
VD1133	1-802-090-21	VARISTOR, CHIP		X7200	1-813-946-21	VIBRATOR, CRYSTAL	
VD1134	1-802-090-21	VARISTOR, CHIP		D1			
VD1135	1-802-090-21	VARISTOR, CHIP		A-1236-528-A			
VD1702	1-802-090-21	VARISTOR, CHIP		D1 BOARD, COMPLETE			
VD1703	1-802-090-21	VARISTOR, CHIP		(KDL-40S3000 ONLY)			
VD1710	1-802-078-11	VARISTOR	(SMD)	4-382-854-11			
VD1711	1-802-078-11	VARISTOR	(SMD)	A-1236-531-A			
VD1720	1-802-078-11	VARISTOR	(SMD)	D1 BOARD, COMPLETE			
VD1721	1-802-078-11	VARISTOR	(SMD)	(KDL-46S3000 ONLY)			
VD5002	1-802-078-11	VARISTOR	(SMD)	4-382-854-11			
VD5003	1-802-078-11	VARISTOR	(SMD)	CAPACITOR			
VD5004	1-802-078-11	VARISTOR	(SMD)	C6600	1-112-744-61	MYLAR	1 μ F 10% 450V
VD5005	1-802-078-11	VARISTOR	(SMD)	C6601	1-162-964-11	CERAMIC CHIP	0.001 μ F 10% 50V
VD5006	1-802-078-11	VARISTOR	(SMD)	C6602	1-162-964-11	CERAMIC CHIP	0.001 μ F 10% 50V
VD5501	1-805-774-21	VARISTOR, CHIP		C6604	1-115-339-11	CERAMIC CHIP	0.1 μ F 10% 50V
VD5503	1-802-417-11	SURGE ABSORBER		C6606	1-112-744-61	MYLAR	1 μ F 10% 450V
VD5504	1-802-417-11	SURGE ABSORBER		C6609 1-107-826-11			
VD5506	1-802-417-11	SURGE ABSORBER		C6612	1-119-891-51	CERAMIC	220pF 10% 250V
VD5507	1-802-417-11	SURGE ABSORBER		C6700	1-100-566-91	CERAMIC CHIP	0.1 μ F 10% 25V
VD5509	1-802-417-11	SURGE ABSORBER		C6701	1-100-566-91	CERAMIC CHIP	0.1 μ F 10% 25V
VD5510	1-802-417-11	SURGE ABSORBER		C6702	1-100-566-91	CERAMIC CHIP	0.1 μ F 10% 25V
VD5511	1-802-417-11	SURGE ABSORBER		C6703 1-100-566-91			
VD5512	1-802-417-11	SURGE ABSORBER		C6706	1-162-970-11	CERAMIC CHIP	0.01 μ F 10% 25V
VD5513	1-802-417-11	SURGE ABSORBER		C6707	1-162-970-11	CERAMIC CHIP	0.01 μ F 10% 25V
				C6709	1-112-737-11	CERAMIC	27pF 5% 6.3KV
				(KDL-40S3000 ONLY)			

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6710	1-162-967-11	CERAMIC CHIP (KDL-40S3000 ONLY)	0.0033μF	10%	50V	C6753	1-107-906-11	ELECT	10μF	20%	50V
C6710	1-162-968-11	CERAMIC CHIP (KDL-46S3000 ONLY)	0.0047μF	10%	50V	C6754	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6711	1-104-512-11	CERAMIC (KDL-40S3000 ONLY)	22pF	5%	6.3KV	C6755	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6712	1-162-979-11	CERAMIC CHIP (KDL-40S3000 ONLY)	0.0027μF	10%	50V	C6756	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6712	1-162-968-11	CERAMIC CHIP (KDL-46S3000 ONLY)	0.0047μF	10%	50V	C6757	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6715	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V	C6758	1-100-566-91	CERAMIC CHIP (KDL-40S3000 ONLY)	0.1μF	10%	25V
C6716	1-162-970-11	CERAMIC CHIP	0.01μF	5%	25V	C6759	1-107-882-91	ELECT	100μF	20%	16V
C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C6785	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C6718	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C6789	1-107-888-11	ELECT	47μF	20%	25V
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	C6794	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
								<u>CONNECTOR</u>			
C6720	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	*	CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)		
C6721	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	*	CN6704	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P	
C6723	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	*	CN6707	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P	
C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V			<u>DIODE</u>			
C6725	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	D6608	8-719-041-97	DIODE	MA113-(TX)		
C6726	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	D6609	8-719-041-97	DIODE	MA113-(TX)		
C6727	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	D6623	8-719-083-57	DIODE	UDZSTE-173.6B		
C6728	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	D6624	8-719-083-57	DIODE	UDZSTE-173.6B		
C6729	1-107-882-91	ELECT	100μF	20%	16V	D6625	6-500-137-01	DIODE	BAT54HT1		
C6730	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	D6700	8-719-420-90	DIODE	MA8051-M		
C6731	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D6701	8-719-420-90	DIODE	MA8051-M		
C6732	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	D6702	8-719-404-50	DIODE	MA111-TX		
C6735	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V	D6703	8-719-404-50	DIODE	MA111-TX		
C6738	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	D6704	8-719-800-76	DIODE	1SS226		
C6739	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	D6705	8-719-800-76	DIODE	1SS226		
C6740	1-107-882-91	ELECT	100μF	20%	16V	D6708	6-500-335-01	DIODE	MC2838-T112-1		
C6741	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	D6709	8-719-017-58	DIODE	MA8068		
C6742	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6710	8-719-017-58	DIODE	MA8068		
C6743	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6714	8-719-422-12	DIODE	MA8039		
C6744	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6715	8-719-422-12	DIODE	MA8039		
C6745	1-107-877-11	ELECT	1000μF	20%	10V	D6717	8-719-404-50	DIODE	MA111-TX		
C6746	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D6718	8-719-404-50	DIODE	MA111-TX		
C6747	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V			<u>GROUND TERMINAL</u>			
C6748	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	ET6700	1-537-770-21	TERMINAL BOARD, GROUND			
C6749	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	ET6701	1-537-770-21	TERMINAL BOARD, GROUND			
C6750	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V			<u>FERRITE BEAD</u>			
C6751	1-162-927-11	CERAMIC CHIP (KDL-40S3000 ONLY)	100pF	5%	50V	FB6604	1-412-911-11	FERRITE	0μH		
C6752	1-162-927-11	CERAMIC CHIP (KDL-40S3000 ONLY)	100pF	5%	50V	FB6605	1-412-911-11	FERRITE	0μH		
						FB6606	1-412-911-11	FERRITE	0μH		

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
FB6607	1-412-911-11	FERRITE	0 μ H			R6612	1-249-403-11	CARBON	68	5%	1/4W
FB6609	1-481-256-11	FERRITE	0 μ H			R6613	1-249-403-11	CARBON	68	5%	1/4W
FB6610	1-410-396-41	FERRITE	0.45 μ H			R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W
IC						R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W
* IC6702	6-708-762-01	IC	PQ200WNA1ZPH			R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W
	8-759-575-27	IC	BA10339F-E2			R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W
	6-709-368-01	IC	MM1431ATT	(CN)		R6626	1-216-864-11	SHORT CHIP			
CHIP CONDUCTOR						R6634	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
						R6635	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
						 R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
JR6700	1-216-296-11	SHORT CHIP				R6701	1-216-793-11	METAL CHIP	4.7	5%	1/10W
JR6701	1-216-296-11	SHORT CHIP				R6702	1-216-793-11	METAL CHIP	4.7	5%	1/10W
JR6702	1-216-296-11	SHORT CHIP				R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
JR6703	1-216-296-11	SHORT CHIP				R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
JR6704	1-216-296-11	SHORT CHIP				R6705	1-216-833-11	METAL CHIP	10K	5%	1/10W
JR6705	1-216-296-11	SHORT CHIP				R6706	1-216-833-11	METAL CHIP	10K	5%	1/10W
JR6706	1-216-296-11	SHORT CHIP				R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
JR6707	1-216-296-11	SHORT CHIP				R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
JR6709	1-216-296-11	SHORT CHIP				R6710	1-243-831-71	METAL OXIDE	12	5%	1W
JR6714	1-216-296-11	SHORT CHIP				R6711	1-243-831-71	METAL OXIDE	12	5%	1W
JR6717	1-216-864-11	SHORT CHIP				R6712	1-243-831-71	METAL OXIDE	12	5%	1W
JR6718	1-216-864-11	SHORT CHIP				R6713	1-243-831-71	METAL OXIDE	12	5%	1W
JR6719	1-216-296-11	SHORT CHIP				R6714	1-216-829-11	METAL CHIP (KDL-40S3000 ONLY)	4.7K	5%	1/10W
JR6721	1-216-296-11	SHORT CHIP				R6714	1-218-853-11	METAL CHIP (KDL-46S3000 ONLY)	1.8K	0.50%	1/10W
JR6724	1-216-296-11	SHORT CHIP				R6715	1-216-837-11	METAL CHIP (KDL-40S3000 ONLY)	22K	5%	1/10W
JR6725	1-216-864-11	SHORT CHIP				R6715	1-218-855-11	METAL CHIP (KDL-46S3000 ONLY)	2.2K	0.50%	1/10W
JR6726	1-216-296-11	SHORT CHIP				R6716	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
JR6727	1-216-864-11	SHORT CHIP				R6721	1-216-817-11	METAL CHIP	470	5%	1/10W
COIL						R6722	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
L6600	1-406-977-21	INDUCTOR	100 μ H			R6723	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
TRANSISTOR						R6724	1-216-864-11	SHORT CHIP			
Q6604	8-729-804-41	TRANSISTOR	2SB1122-S			R6725	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
Q6605	8-729-804-41	TRANSISTOR	2SB1122-S			R6727	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)			R6729	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R6730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R6731	1-216-837-11	METAL CHIP	22K	5%	1/10W
Q6712	8-729-600-22	TRANSISTOR	2SA1235-F			R6732	1-218-893-11	METAL CHIP (KDL-40S3000 ONLY)	82K	0.50%	1/10W
Q6714	8-729-600-22	TRANSISTOR	2SA1235-F			R6732	1-218-889-11	METAL CHIP (KDL-46S3000 ONLY)	56K	0.50%	1/10W
RESISTOR						R6733	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6734	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6610	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6611	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
R6736	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W	
R6737	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6806	1-216-864-11	SHORT CHIP				
R6739	1-216-864-11	SHORT CHIP				R6807	1-216-864-11	SHORT CHIP				
R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	R6808	1-218-446-11	METAL CHIP	1	5%	1/10W	
R6751	1-218-871-11	METAL CHIP	10K	0.50%	1/10W			(KDL-46S3000 ONLY)				
R6752	1-211-983-11	METAL CHIP	39	0.50%	1/10W	R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R6754	1-211-983-11	METAL CHIP	39	0.50%	1/10W	R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	
R6755	1-216-861-11	METAL CHIP	2.2M	5%	1/10W	R6811	1-218-901-11	METAL CHIP	180K	0.50%	1/10W	
R6756	1-211-983-11	METAL CHIP	39	0.50%	1/10W	R6816	1-216-864-11	SHORT CHIP				
R6757	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6819	1-216-864-11	SHORT CHIP				
R6758	1-211-983-11	METAL CHIP	39	0.50%	1/10W	R6823	1-216-864-11	SHORT CHIP				
R6760	1-218-854-11	METAL CHIP	2K	0.50%	1/10W	R6824	1-216-864-11	SHORT CHIP				
R6761	1-218-853-11	METAL CHIP	1.8K	0.50%	1/10W	R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R6762	1-211-983-11	METAL CHIP	39	0.50%	1/10W			<u>TRANSFORMER</u>				
R6762	1-211-985-11	METAL CHIP	47	0.50%	1/10W	T6800	1-445-237-11	TRANSFORMER, DRIVE				
R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W							
R6764	1-211-985-11	METAL CHIP	47	0.50%	1/10W							
		(KDL-40S3000 ONLY)										
R6766	1-216-864-11	SHORT CHIP										
R6768	1-211-985-11	METAL CHIP	47	0.50%	1/10W			A-1247-497-A	D2 BOARD, COMPLETE			
		(KDL-40S3000 ONLY)							(KDL-46S3000 ONLY)			
R6770	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W							
R6771	1-218-871-11	METAL CHIP	10K	0.50%	1/10W							
R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W							
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W			<u>CAPACITOR</u>				
R6775	1-216-845-11	METAL CHIP	100K	5%	1/10W	C6900	1-112-744-61	MYLAR	1 μ F	10%	450V	
R6776	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6903	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V	
R6778	1-216-864-11	SHORT CHIP				C6904	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V	
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6905	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V	
R6780	1-216-864-11	SHORT CHIP				C6909	1-112-744-61	MYLAR	1 μ F	10%	450V	
R6782	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	C6911	1-115-339-11	CERAMIC CHIP	0.1 μ F	10%	50V	
R6783	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6950	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V	
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C6951	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V	
R6787	1-216-817-11	METAL CHIP	470	5%	1/10W	C6952	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V	
R6788	1-216-864-11	SHORT CHIP				C6953	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V	
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	C6956	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V	
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	C6957	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V	
R6792	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	C6959	1-162-968-11	CERAMIC CHIP	0.0047 μ F	10%	50V	
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6961	1-162-968-11	CERAMIC CHIP	0.0047 μ F	10%	50V	
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6964	1-107-888-11	ELECT	47 μ F	20%	25V	
								<u>CONNECTOR</u>				
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W	*	CN6900	1-793-660-11	PIN, CONNECTOR (PC BOARD)			
R6802	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	*	CN6950	1-793-235-11	PIN, CONNECTOR (PC BOARD)			
R6804	1-249-381-11	CARBON	1	5%	1/4W	CN6952	1-695-915-11	TAB (CONTACT)			13P	

D2
A-1247-497-A **D2 BOARD, COMPLETE**
(KDL-46S3000 ONLY)
4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C6900	1-112-744-61	MYLAR	1 μ F	10%	450V
C6903	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6904	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6905	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6909	1-112-744-61	MYLAR	1 μ F	10%	450V
C6911	1-115-339-11	CERAMIC CHIP	0.1 μ F	10%	50V
C6950	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6951	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6952	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6953	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6956	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V
C6957	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V
C6959	1-162-968-11	CERAMIC CHIP	0.0047 μ F	10%	50V
C6961	1-162-968-11	CERAMIC CHIP	0.0047 μ F	10%	50V
C6964	1-107-888-11	ELECT	47 μ F	20%	25V

CONNECTOR

*	CN6900	1-793-660-11	PIN, CONNECTOR (PC BOARD)
*	CN6950	1-793-235-11	PIN, CONNECTOR (PC BOARD)
CN6952	1-695-915-11	TAB (CONTACT)	

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D2 **G1D** **G1H**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
		<u>DIODE</u>				R6914	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6902	8-719-041-97	DIODE	MA113-(TX)			R6917	1-216-833-11	METAL CHIP	10K	5%	1/10W
D6903	8-719-041-97	DIODE	MA113-(TX)			R6918	1-216-833-11	METAL CHIP	10K	5%	1/10W
D6904	8-719-083-57	DIODE	UDZSTE-173.6B			R6919	1-216-857-11	METAL CHIP	1M	5%	1/10W
D6905	8-719-083-57	DIODE	UDZSTE-173.6B			\triangle R6950	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6950	8-719-420-90	DIODE	MA8051-M			R6951	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6951	8-719-420-90	DIODE	MA8051-M			R6952	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6952	8-719-404-50	DIODE	MA111-TX			R6953	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6953	8-719-404-50	DIODE	MA111-TX			R6954	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D6954	8-719-800-76	DIODE	1SS226			R6955	1-216-833-11	METAL CHIP	10K	5%	1/10W
D6955	8-719-800-76	DIODE	1SS226			R6956	1-216-833-11	METAL CHIP	10K	5%	1/10W
		<u>GROUND TERMINAL</u>				R6957	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6958	1-216-833-11	METAL CHIP	10K	5%	1/10W
ET6950	1-537-770-21	TERMINAL BOARD, GROUND				R6960	1-243-831-71	METAL OXIDE	12	5%	1W
ET6951	1-537-770-21	TERMINAL BOARD, GROUND				R6961	1-243-831-71	METAL OXIDE	12	5%	1W
		<u>FERRITE BEAD</u>				R6962	1-243-831-71	METAL OXIDE	12	5%	1W
FB6901	1-481-256-11	FERRITE	0 μ H			R6963	1-243-831-71	METAL OXIDE	12	5%	1W
FB6904	1-412-911-11	FERRITE	0 μ H			R6965	1-216-864-11	SHORT CHIP			
FB6905	1-412-911-11	FERRITE	0 μ H			R6966	1-216-864-11	SHORT CHIP			
FB6906	1-412-911-11	FERRITE	0 μ H					<u>TRANSFORMER</u>			
FB6907	1-412-911-11	FERRITE	0 μ H			T6950	1-445-237-11	TRANSFORMER, DRIVE			
		<u>CHIP CONDUCTOR</u>									
JR6900	1-216-296-11	SHORT CHIP									
JR6901	1-216-296-11	SHORT CHIP									
JR6902	1-216-296-11	SHORT CHIP									
JR6903	1-216-296-11	SHORT CHIP									
		<u>COIL</u>									
L6900	1-406-977-21	INDUCTOR	100 μ H								
		<u>TRANSISTOR</u>									
Q6902	8-729-804-41	TRANSISTOR	2SB1122-S								
Q6903	8-729-804-41	TRANSISTOR	2SB1122-S								
		<u>RESISTOR</u>									
R6903	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6904	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6907	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6908	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6911	1-249-403-11	CARBON	68	5%	1/4W						
R6912	1-249-403-11	CARBON	68	5%	1/4W						
R6913	1-216-793-11	METAL CHIP	4.7	5%	1/10W						

G1D

1-474-056-11 **G1D BOARD, COMPLETE (POWER SUPPLY)**
(KDL-26S3000 ONLY)

This board is manufactured by a 3rd party.
Component level repair information is not available.

G1H

1-474-052-11 **G1H BOARD, COMPLETE (POWER SUPPLY)**
(KDL-32S3000 ONLY)

This board is manufactured by a 3rd party.
Component level repair information is not available.

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

G3

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
G3			C6250	1-128-949-31	ELECT	470 μ F	20%	16V			
			C6251	1-107-826-11	CERAMIC CHIP	0.1 μ F	10%	16V			
			C6300	1-165-908-11	CERAMIC CHIP	1 μ F	10%	10V			
			C6301	1-107-826-11	CERAMIC CHIP	0.1 μ F	10%	16V			
			C6302	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V			
A-1308-804-A	G3 BOARD, COMPLETE(POWER SUPPLY) (KDL-40S3000/46S3000 ONLY)		C6304	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V			
4-382-854-11	SCREW (M3X10), P, SW (+)		C6305	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V			
CAPACITOR			C6306	1-125-891-11	CERAMIC CHIP	0.47 μ F	10%	10V			
C6000	1-113-889-11	CERAMIC	0.001 μ F	20%	250V	C6307	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6002	1-165-530-11	MYLAR	0.47 μ F	10	275V	C6308	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6005	1-113-889-11	CERAMIC	0.001 μ F	20%	250V	C6309	1-107-910-11	ELECT	100 μ F	20%	50V
C6007	1-119-892-51	CERAMIC	470pF	10%	250V	C6310	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6011	1-119-892-51	CERAMIC	470pF	10%	250V	C6311	1-131-872-91	CERAMIC CHIP	1000pF	10%	630V
C6012	1-165-529-11	MYLAR	0.22 μ F	10	275V	C6402	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V
C6014	1-161-964-91	CERAMIC	0.0047 μ F		250V	C6403	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V
C6015	1-161-964-91	CERAMIC	0.0047 μ F		250V	C6408	1-165-908-11	CERAMIC CHIP	1 μ F	10%	10V
C6018	1-119-894-51	CERAMIC	2200pF	20%	250V	C6410	1-107-826-11	CERAMIC CHIP	0.1 μ F	10%	16V
C6019	1-163-021-91	CERAMIC CHIP	0.01 μ F	10%	50V	C6411	1-125-891-11	CERAMIC CHIP	0.47 μ F	10%	10V
C6020	1-163-021-91	CERAMIC CHIP	0.01 μ F	10%	50V	C6500	1-112-744-61	MYLAR	1 μ F	10%	450V
C6021	1-113-889-11	CERAMIC	0.001 μ F	20%	250V	C6501	1-112-188-11	MYLAR	1.5 μ F	5%	450V
C6100	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V	C6503	1-112-188-11	MYLAR	1.5 μ F	5%	450V
C6101	1-100-831-91	CERAMIC CHIP	0.001 μ F	2%	50V	C6505	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6102	1-107-906-11	ELECT	10 μ F	20%	50V	C6506	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V
C6103	1-107-905-11	ELECT	4.7 μ F	20%	50V	C6507	1-162-966-11	CERAMIC CHIP	0.0022 μ F	10%	50V
C6104	1-107-910-11	ELECT	100 μ F	20%	50V	C6508	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6106	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V	C6510	1-107-902-11	ELECT	1 μ F	20%	50V
C6107	1-107-888-11	ELECT	47 μ F	20%	25V	C6511	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6108	1-115-340-11	CERAMIC CHIP	0.22 μ F	10%	25V	C6512	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C6111	1-100-310-11	FILM	18000pF	3%	800V	C6517	1-100-566-91	CERAMIC CHIP	0.1 μ F	10%	25V
C6112	1-163-021-91	CERAMIC CHIP	0.01 μ F	10%	50V	C6518	1-107-908-11	ELECT	33 μ F	20%	50V
C6150	1-104-760-11	CERAMIC CHIP	0.047 μ F	10%	50V	C6519	1-107-906-11	ELECT	10 μ F	20%	50V
C6152	1-112-231-21	ELECT	2200 μ F	20%	16V	C6521	1-107-906-11	ELECT	10 μ F	20%	50V
C6154	1-112-835-11	ELECT	3300 μ F	20%	25V	CONNECTOR					
C6157	1-112-231-21	ELECT	2200 μ F	20%	16V	\triangle * CN6000 1-793-660-11 PIN, CONNECTOR (PC BOARD)					
C6160	1-162-970-11	CERAMIC CHIP	0.01 μ F	10%	25V	CN6001	1-695-915-11	TAB (CONTACT)			
C6170	1-112-231-21	ELECT	2200 μ F	20%	16V	CN6002	1-695-915-11	TAB (CONTACT)			
C6200	1-107-826-11	CERAMIC CHIP	0.1 μ F	10%	16V	CN6003	1-695-915-11	TAB (CONTACT)			
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	* CN6202	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P		
C6202	1-107-903-11	ELECT	2.2 μ F	20%	50V	CN6203	1-785-707-11	PIN, CONNECTOR (PC BOARD)	11P		
C6203	1-100-139-41	FILM	0.001 μ F	5%	630V	* CN6204	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P		
C6204	1-107-904-11	ELECT	3.3 μ F	20%	50V	* CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)			
C6205	1-107-910-11	ELECT	100 μ F	20%	50V	* CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)			
C6206	1-162-964-11	CERAMIC CHIP	0.001 μ F	10%	50V						

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NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

G3

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES				
<u>DIODE</u>											
D6000	8-719-054-89	DIODE	D15XB60	FB6000	1-412-911-11	FERRITE	0µH				
 D6100	8-719-081-67	DIODE	M1FM3	FB6001	1-412-911-11	FERRITE	0µH				
D6101	6-500-137-01	DIODE	BAT54HT1	FB6004	1-410-396-41	FERRITE	0.45µH				
D6102	8-719-017-89	DIODE	MA8150-TX	FB6005	1-410-396-41	FERRITE	0.45µH				
D6104	8-719-979-64	DIODE	UF4005/23	FB6100	1-412-911-11	FERRITE	0µH				
 D6105	8-719-081-67	DIODE	M1FM3	FB6101	1-412-911-11	FERRITE	0µH				
D6151	8-719-060-88	DIODE	D4SBS6	FB6150	1-412-911-11	FERRITE	0µH				
D6152	6-501-545-01	DIODE	SG10SC6-F5	FB6151	1-412-911-11	FERRITE	0µH				
 D6153	6-501-545-01	DIODE	SG10SC6-F5	FB6152	1-412-911-11	FERRITE	0µH				
D6201	8-719-058-74	DIODE	05NU42-TPA2	FB6153	1-412-911-11	FERRITE	0µH				
D6203	6-500-567-31	DIODE	10ERB20-TB3	<u>FUSE HOLDER</u>							
D6204	6-500-567-31	DIODE	10ERB20-TB3	 FH6000	1-533-223-11	FUSE HOLDER	0A	0V			
D6206	8-719-404-50	DIODE	MA111-TX	 FH6001	1-533-223-11	FUSE HOLDER	0A	0V			
D6250	8-719-510-02	DIODE	D1NS4	<u>IC</u>							
D6303	8-719-404-50	DIODE	MA111-TX	 IC6100	6-707-749-01	IC	CXD9841P				
D6304	8-719-404-50	DIODE	MA111-TX	 IC6150	6-709-368-01	IC	MM1431ATT (CN)				
D6308	8-719-404-50	DIODE	MA111-TX	 IC6200	6-708-801-01	IC	MIP2H2				
D6309	8-719-404-50	DIODE	MA111-TX	 IC6250	6-709-442-01	IC	MM1530ATT				
D6310	8-719-404-50	DIODE	MA111-TX	 IC6300	6-709-368-01	IC	MM1431ATT (CN)				
D6311	8-719-018-01	DIODE	MA8220-TX	 IC6301	6-709-368-01	IC	MM1431ATT (CN)				
 IC6500	6-709-791-01	IC	L6562N								
<u>CHIP CONDUCTOR</u>											
D6404	8-719-404-50	DIODE	MA111-TX	JR6001	1-216-864-11	SHORT CHIP					
D6500	6-500-108-01	DIODE	EP05FA20	JR6002	1-216-295-91	SHORT CHIP					
D6501	6-500-108-01	DIODE	EP05FA20	JR6003	1-216-296-11	SHORT CHIP					
D6502	6-500-137-01	DIODE	BAT54HT1	JR6004	1-216-295-91	SHORT CHIP					
D6503	8-719-404-50	DIODE	MA111-TX	JR6005	1-216-295-91	SHORT CHIP					
D6511	8-719-404-50	DIODE	MA111-TX	JR6006	1-216-864-11	SHORT CHIP					
D6512	8-719-404-50	DIODE	MA111-TX	JR6007	1-216-296-11	SHORT CHIP					
D6513	6-500-137-01	DIODE	BAT54HT1	JR6008	1-216-296-11	SHORT CHIP					
ET6000	1-537-770-21	TERMINAL BOARD, GROUND		JR6009	1-216-296-11	SHORT CHIP					
ET6001	1-537-770-21	TERMINAL BOARD, GROUND		JR6010	1-216-296-11	SHORT CHIP					
ET6002	1-537-770-21	TERMINAL BOARD, GROUND		JR6011	1-216-295-91	SHORT CHIP					
ET6003	1-537-770-21	TERMINAL BOARD, GROUND		JR6012	1-216-295-91	SHORT CHIP					
<u>FUSE</u>											
 F6000	1-576-233-51	FUSE	6.3A	JR6013	1-216-295-91	SHORT CHIP					
			250V	JR6014	1-216-295-91	SHORT CHIP					
				JR6015	1-216-864-11	SHORT CHIP					
				JR6016	1-216-296-11	SHORT CHIP					

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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G3

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>COIL</u>							
L6150	1-414-487-41	INDUCTOR	1μH	R6108	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6151	1-414-487-41	INDUCTOR	1μH	R6109	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6152	1-457-239-11	INDUCTOR	4.7μH	 R6110	1-202-933-61	FUSIBLE	0.1 10% 1/2W
L6250	1-414-183-41	INDUCTOR	10μH	R6111	1-218-760-11	METAL CHIP	220K 0.50% 1/10W
L6500	1-457-277-11	INDUCTOR	260μH	R6112	1-218-877-11	METAL CHIP	18K 0.50% 1/10W
<u>PHOTO COUPLER</u>							
PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22J0OF	R6115	1-211-981-11	METAL CHIP	33 0.50% 1/10W
PH6200	6-600-187-01	PHOTO COUPLER	PC123Y22J0OF	R6116	1-216-009-91	RES-CHIP	22 5% 1/10W
PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22J0OF	R6117	1-216-009-91	RES-CHIP	22 5% 1/10W
PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22J0OF	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
PH6302	6-600-187-01	PHOTO COUPLER	PC123Y22J0OF	R6119	1-216-833-11	METAL CHIP	10K 5% 1/10W
<u>TRANSISTOR</u>							
 Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q)	R6120	1-216-361-00	METAL OXIDE	0.22 5% 2W
 Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q)	R6121	1-216-361-00	METAL OXIDE	0.22 5% 2W
Q6300	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6122	1-216-857-11	METAL CHIP	1M 5% 1/10W
Q6301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6123	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
 Q6303	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE	R6125	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6304	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6151	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6305	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6152	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6306	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6153	1-218-859-11	METAL CHIP	3.3K 0.50% 1/10W
Q6307	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6154	1-218-875-11	METAL CHIP	15K 0.50% 1/10W
Q6405	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6155	1-216-845-11	METAL CHIP	100K 5% 1/10W
Q6406	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6157	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q6500	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6158	1-249-389-11	CARBON	4.7 5% 1/4W
Q6501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6159	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
 Q6502	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q)	R6201	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
 Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q)	R6202	1-243-725-71	METAL OXIDE	100K 5% 1W
Q6504	8-729-820-90	TRANSISTOR	2SD1621-ST	R6203	1-249-385-11	CARBON	2.2 5% 1/4W
Q6505	8-729-804-41	TRANSISTOR	2SB1122-S	R6250	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6506	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6251	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
<u>RESISTOR</u>							
 R6009	1-240-251-11	METAL	6.8 5% 10W	R6252	1-216-805-11	METAL CHIP	47 5% 1/10W
R6014	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6253	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
R6015	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6254	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
R6100	1-218-885-11	METAL CHIP	39K 0.50% 1/10W	R6255	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
R6101	1-249-385-11	CARBON	2.2 5% 1/4W	R6256	1-216-864-11	SHORT CHIP	
R6102	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W	R6300	1-216-835-11	METAL CHIP	15K 5% 1/10W
R6103	1-218-827-11	METAL CHIP	150 0.50% 1/10W	R6301	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6104	1-218-877-11	METAL CHIP	18K 0.50% 1/10W	R6302	1-218-903-11	METAL CHIP	220K 0.50% 1/10W
R6106	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6303	1-218-885-11	METAL CHIP	39K 0.50% 1/10W
R6107	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6304	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
				R6305	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6309	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6310	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6311	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
				R6312	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
				R6313	1-216-864-11	SHORT CHIP	
				R6315	1-216-829-11	METAL CHIP	4.7K 5% 1/10W

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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G3

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6316	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6512	1-215-882-00	METAL OXIDE	22	5%	2W
R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6514	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6515	1-216-817-11	METAL CHIP	470	5%	1/10W
R6320	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6516	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6321	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6517	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6322	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6518	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6325	1-218-889-11	METAL CHIP	56K	0.50%	1/10W	R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6326	1-216-849-11	METAL CHIP	220K	5%	1/10W	 R6522	1-249-389-11	CARBON	4.7	5%	1/4W
R6327	1-216-833-11	METAL CHIP	10K	5%	1/10W	 R6523	1-249-389-11	CARBON	4.7	5%	1/4W
R6328	1-218-911-11	METAL CHIP	470K	0.50%	1/10W	R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6329	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6526	1-216-864-11	SHORT CHIP			
R6332	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6527	1-216-864-11	SHORT CHIP			
R6333	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6528	1-216-809-11	METAL CHIP	100	5%	1/10W
R6334	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6529	1-249-393-11	CARBON	10	5%	1/4W
R6335	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6336	1-216-864-11	SHORT CHIP				R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6337	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6404	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6405	1-216-809-11	METAL CHIP	100	5%	1/10W	R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W
R6408	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6413	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6415	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6538	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6539	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6418	1-216-864-11	SHORT CHIP				R6540	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6420	1-216-817-11	METAL CHIP	470	5%	1/10W	R6541	1-216-809-11	METAL CHIP	100	5%	1/10W
R6429	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6542	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6430	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6543	1-211-954-11	METAL CHIP	12	0.50%	1/10W
R6433	1-216-821-11	METAL CHIP	1K	5%	1/10W	<u>RELAY</u>					
R6434	1-216-821-11	METAL CHIP	1K	5%	1/10W	RY6000	1-755-516-11	RELAY (AC POWER)			
R6435	1-216-864-11	SHORT CHIP				<u>TRANSFORMER</u>					
R6436	1-216-837-11	METAL CHIP	22K	5%	1/10W	T6200	1-443-984-11	CONVERTER TRANSFORMER (SBT)			
R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W	<u>VARISTOR</u>					
R6438	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	VD6000	1-804-996-21	VARISTOR			
R6500	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	VD6001	1-804-996-21	VARISTOR			
R6501	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6502	1-208-830-11	METAL CHIP	100K	0.50%	1/10W						
R6503	1-208-846-11	METAL CHIP	470K	0.50%	1/10W						
R6504	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6505	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6506	1-218-913-91	METAL CHIP	560K	0.50%	1/10W						
R6507	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W						
R6508	1-218-881-11	METAL CHIP	27K	0.50%	1/10W						
R6510	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
R6511	1-216-817-11	METAL CHIP	470	5%	1/10W						

H1	H3	H4
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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
H1						TRANSISTOR	
				Q301	8-729-028-96	TRANSISTOR	DTC114EUA-T106
				Q302	8-729-028-96	TRANSISTOR	DTC114EUA-T106
				Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106
				Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106
				Q305	8-729-028-96	TRANSISTOR	DTC114EUA-T106
				Q320	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
						RESISTOR	
				R301	1-216-821-11	METAL CHIP	1K 5% 1/10W
R101	1-218-827-11	METAL CHIP	150 0.50% 1/10W	R302	1-216-821-11	METAL CHIP	1K 5% 1/10W
R102	1-218-831-11	METAL CHIP	220 0.50% 1/10W	R303	1-216-821-11	METAL CHIP	1K 5% 1/10W
R103	1-218-835-11	METAL CHIP	330 0.50% 1/10W	R304	1-216-821-11	METAL CHIP	1K 5% 1/10W
R104	1-218-841-11	METAL CHIP	560 0.50% 1/10W	R305	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R105	1-218-848-11	METAL CHIP	1.1K 0.50% 1/10W	R321	1-216-839-11	METAL CHIP	33K 5% 1/10W
R107	1-216-864-11	SHORT CHIP		R322	1-216-821-11	METAL CHIP	1K 5% 1/10W
				R323	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R325	1-216-864-11	SHORT CHIP	
				R326	1-216-847-11	METAL CHIP	150K 5% 1/10W
				R327	1-216-864-11	SHORT CHIP	
				R328	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
				H4			
						A-1220-320-A	H4 BOARD, MOUNTED
						CAPACITOR	
				C401	1-162-960-11	CERAMIC CHIP	220pF 10% 50V
				C402	1-100-909-11	CERAMIC CHIP	10µF 10% 6.3V
						CONNECTOR	
				*	CN401	1-820-297-11	HEADER ASSEMBLY (PRINT PWB)
						IC	
				IC401	6-600-502-01	HIC	GP1UE26RK0VF
						RESISTOR	
				R401	1-216-817-11	METAL CHIP	470 5% 1/10W
				R402	1-216-805-11	METAL CHIP	47 5% 1/10W
						CAPACITOR	
				C320	1-112-781-11	CERAMIC CHIP	1µF 10% 10V
				C322	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
				C323	1-126-205-11	ELECT CHIP	47µF 20% 6.3V
						CONNECTOR	
						DIODE	
				D302	8-719-085-26	DIODE	CL-165HR/SYG-D-T
				D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T
				D308	6-500-817-01	DIODE (LED)	SML-512UWT86
						IC	
				IC320	6-600-447-01	IC	TPS853(SONY)

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U1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
U1			R213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W			
			R215	1-216-857-11	METAL CHIP	1M	5%	1/10W			
			R216	1-216-825-11	METAL CHIP	2.2K	5%	1/10W			
	A-1220-504-C	U1 BOARD, MOUNTED	R218	1-216-864-11	SHORT CHIP						
			R219	1-216-864-11	SHORT CHIP						
			R220	1-216-864-11	SHORT CHIP						
			R222	1-216-864-11	SHORT CHIP						
		CAPACITOR									
C200	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V						
C201	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V						
C202	1-112-781-11	CERAMIC CHIP	1µF	10%	10V						
C203	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V						
C206	1-100-912-11	CERAMIC CHIP	1µF	10%	25V						
C209	1-100-912-11	CERAMIC CHIP	1µF	10%	25V						
C215	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V						
C218	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V						
		CONNECTOR									
*	CN201	1-819-928-11	HEADER ASSEMBLY	20P							
	CN202	1-695-915-11	TAB (CONTACT)								
		DIODE									
D203	8-719-423-03	DIODE	MA8100								
D204	8-719-423-03	DIODE	MA8100								
		EARTH TERMINAL									
ET201	1-780-482-11	EARTH TERMINAL									
ET202	1-780-482-11	EARTH TERMINAL									
		JACK									
J201	1-780-489-11	S TERMINAL BLOCK (RIGHT)									
J202	1-815-325-11	JACK									
		RESISTOR									
R200	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*					
R201	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*	2-678-265-01	BAG, PROTECTION			
R202	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*		(KDL-40S3000 ONLY)			
R203	1-216-809-11	METAL CHIP	100	5%	1/10W	*	2-678-266-01	BAG, PROTECTION			
R204	1-218-285-11	METAL CHIP	75	5%	1/10W	*		(KDL-46S3000 ONLY)			
R205	1-216-809-11	METAL CHIP	100	5%	1/10W	*	3-113-038-01	CARTON, INDIVIDUAL			
R206	1-216-821-11	METAL CHIP	1K	5%	1/10W	*		(KDL-26S3000 ONLY)			
R207	1-216-821-11	METAL CHIP	1K	5%	1/10W	*	2-319-958-01	CARTON, INDIVIDUAL			
R208	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*		(KDL-32S3000 ONLY)			
R209	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*	2-319-962-01	CARTON, INDIVIDUAL			
R210	1-218-831-11	METAL CHIP	220	0.50%	1/10W	*		(KDL-40S3000 ONLY)			
R211	1-216-809-11	METAL CHIP	100	5%	1/10W	*	3-093-192-01	CARTON, INDIVIDUAL			
R212	1-216-857-11	METAL CHIP	1M	5%	1/10W	*		(KDL-46S3000 ONLY)			
							3-211-986-01	CARTON, INDIVIDUAL			
								(KDL-46S3000 ONLY)			

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
	2-595-155-02	CLAMP				<u>REMOTE COMMANDER</u>	
	1-500-915-11	CLAMP FILTER (FERRITE, CORE) (KDL-40S3000/46S3000 ONLY)			1-480-262-11	REMOTE COMMANDER (RM-YD018)	
*	2-319-961-02	CUSHION, LOWER (KDL-26S3000/32S3000 ONLY)			9-885-110-88	COVER, BATTERY (RM-YD018)	
*	2-319-966-02	CUSHION, LOWER (KDL-40S3000 ONLY)					
*	3-093-196-02	CUSHION, LOWER (KDL-46S3000 ONLY)					
*	3-211-990-01	CUSHION, LOWER (KDL-46S3000 ONLY)					
*	2-319-960-01	CUSHION, UPPER (KDL-26S3000/32S3000 ONLY)					
*	2-319-965-01	CUSHION, UPPER (KDL-40S3000 ONLY)					
*	3-093-195-01	CUSHION, UPPER (KDL-46S3000 ONLY)					
*	3-211-989-01	CUSHION, UPPER (KDL-46S3000 ONLY)					
	3-196-473-11	GUIDE, QUICK SETUP (English Version)					
	3-196-473-21	GUIDE, QUICK SETUP (French Version)					
	3-196-473-31	GUIDE, QUICK SETUP (Spanish Version)					
	3-196-472-12	MANUAL, INSTRUCTION (English Version)					
	3-196-472-22	MANUAL, INSTRUCTION (French Version)					
	3-196-472-32	MANUAL, INSTRUCTION (Spanish Version)					
*	3-216-083-01	SHEET, PROTECTION (STAND) (KDL-26S3000 ONLY)					
*	2-319-963-01	TRAY (KDL-40S3000 ONLY)					
*	3-093-193-01	TRAY (KDL-46S3000 ONLY)					
*	3-211-987-01	TRAY (KDL-46S3000 ONLY)					
*	2-319-964-01	TRAY, TOP (KDL-40S3000 ONLY)					
*	3-093-194-01	TRAY, TOP (KDL-46S3000 ONLY)					
*	3-211-988-01	TRAY, TOP (KDL-46S3000 ONLY)					

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.
- 5) If a Circuit Board identified with a red outline and a  in the service manual is deemed to be defective:
 - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.
 - b) and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a  in the service manual MUST BE DESTROYED.

SERVICE MANUAL

WAX3 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.